

**Datasheet for 600-401-FU1****UHRF1BP1 Antibody****Overview**

|                      |                                               |
|----------------------|-----------------------------------------------|
| <b>Description:</b>  | Anti-UHRF1BP1 (RABBIT) Antibody - 600-401-FU1 |
| <b>Item No.:</b>     | 600-401-FU1                                   |
| <b>Size:</b>         | 100 µg                                        |
| <b>Applications:</b> | ELISA, IF, IHC, WB                            |
| <b>Reactivity:</b>   | Human, Mouse                                  |
| <b>Host Species:</b> | Rabbit                                        |

**Product Details**

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background:</b>   | The Ubiquitin-like containing PHD and RING finger domains 1-binding protein 1 (UHRF1BP1), also known as ICBP90, is a transcription and cell cycle regulator. It specifically binds to the histone H3 N-terminal tail when methylated on K9 by two functional domains, a PHD finger that defines the binding specificity and an SRA (SET- and RING-associated) domain that promotes binding activity. UHRF1BP1 is required for proper heterochromatin formation in mammalian cells. Furthermore, UHRF1BP1 is thought to be a pivotal target for the ERK1/2 signaling pathway to control the proliferation of Jurkat T cells. |
| <b>Synonyms:</b>     | UHRF1BP1 Antibody, ICBP90, C6orf107, dJ349A12.1, UHRF1-binding protein 1, ICBP90-binding protein 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Host Species:</b> | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Clonality:</b>    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Format:</b>       | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**Target Details**

|                        |                                                                                                                                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name:</b>      | UHRF1BP1                                                                                                                                                                          |
| <b>Reactivity:</b>     | Human, Mouse                                                                                                                                                                      |
| <b>Immunogen Type:</b> | Conjugated Peptide                                                                                                                                                                |
| <b>Immunogen:</b>      | Anti-UHRF1BP1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the internal region of human UHRF1BP1. |

|                            |                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity/Specificity:</b> | Anti-UHRF1BP1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. UHRF1BP1 antibody is predicted to not cross-react with UHRF1BP1L. |
| <b>Relevant Links:</b>     | <ul style="list-style-type: none"><li>• <a href="#">UniProtKB - Q6BDS2</a></li><li>• <a href="#">GeneID - 54887</a></li><li>• <a href="#">NCBI - NP_060224.3</a></li></ul>   |

## Application Details

|                             |                                                                                                                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tested Applications:</b> | ELISA, IF, IHC, WB                                                                                                                                                                                                                                                                            |
| <b>Application Note:</b>    | Anti-UHRF1BP1 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 160 kDa in Western Blots of specific cell lysates and tissues. |
| <b>Assay Dilutions:</b>     | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.                                                                                                                                                                                               |
| <b>ELISA:</b>               | 1:10,000-1:20,000                                                                                                                                                                                                                                                                             |
| <b>IF:</b>                  | 20 µg/mL                                                                                                                                                                                                                                                                                      |
| <b>IHC:</b>                 | 2.5 µg/mL                                                                                                                                                                                                                                                                                     |
| <b>WB:</b>                  | 1-2 µg/mL                                                                                                                                                                                                                                                                                     |

## Formulation

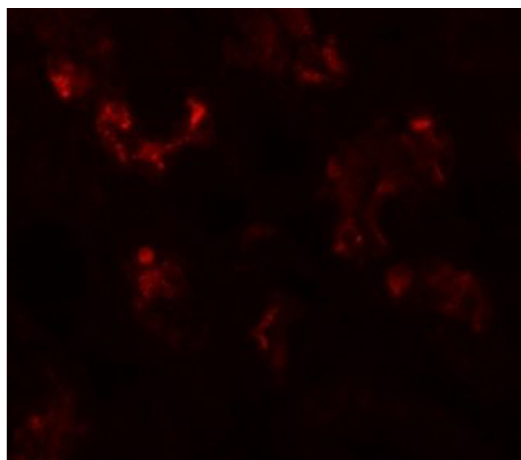
|                        |                                                         |
|------------------------|---------------------------------------------------------|
| <b>Physical State:</b> | Liquid (sterile filtered)                               |
| <b>Concentration:</b>  | 1.0 mg/ml by UV absorbance at 280 nm                    |
| <b>Buffer:</b>         | 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2 |
| <b>Preservative:</b>   | 0.02% (w/v) Sodium Azide                                |
| <b>Stabilizer:</b>     | None                                                    |

## Shipping & Handling

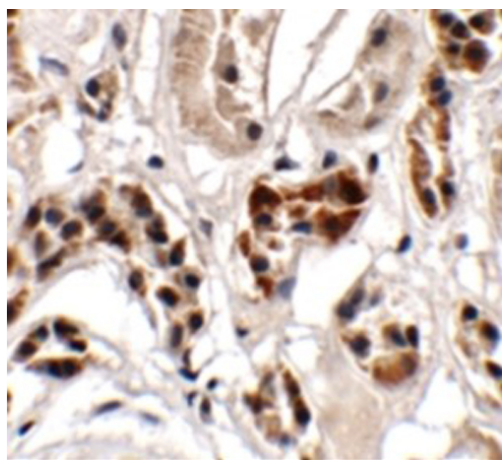
|                            |                                                                                                                                                                                                                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Dry Ice                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Condition:</b>  | Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |

**Expiration:**

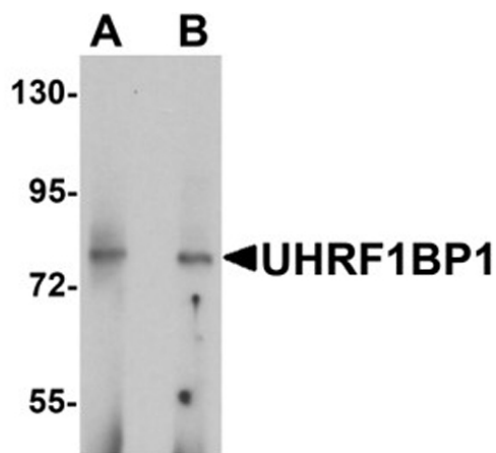
Expiration date is one (1) year from date of receipt.

**Images****Immunofluorescence Microscopy**

Immunofluorescence of UHRF1BP1. Tissue: human kidney tissue. Primary Antibody: UHRF1BP1 antibody at 20 µg/mL.

**Immunohistochemistry**

Immunohistochemistry of UHRF1BP1. Tissue: human kidney tissue. Primary Antibody: UHRF1BP1 antibody at 2.5 µg/mL.

**Western Blot**

Western blot analysis of UHRF1BP1. Load: mouse kidney tissue lysate. Primary Antibody: UHRF1BP1 antibody at (A) 1 µg/mL and (B) 2 µg/mL.

**Disclaimer**

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.