

Datasheet for 600-401-DW7**RASSF10 Antibody****Overview**

Description:	Anti-RASSF10 (RABBIT) Antibody - 600-401-DW7
Item No.:	600-401-DW7
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	RASSF10 is a member of the N-terminal Ras association domain-containing family of proteins, a family of tumor suppressor genes that are frequently epigenetically inactivated in cancer. These proteins consist of RASSF7-10 and are structurally distinct from RASSF1-6, containing the N-terminal Ras association domain but lacking the Sav/RASSF/Hippo protein interaction domains. While little is known of the function of RASSF10, it is inactivated in both childhood leukemia and gliomas. In secondary glioblastomas, RASSF10 methylation can be used as an independent prognostic associated with worst progression-free survival and overall survival.
Synonyms:	RASSF10 Antibody, Ras association domain-containing protein 10
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	RASSF10
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-RASSF10 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the N-terminus of human RASSF10.

Purity/Specificity: Anti-RASSF10 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. RASSF10 antibody will not cross-react with other RAS association domain-containing family members.

Relevant Links:

- [UniProtKB - A6NK89](#)
- [GeneID - 644943](#)
- [NCBI - NP_001073990](#)

Application Details

Tested Applications: ELISA, IHC, WB

Application Note: Anti-RASSF10 Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 57 kDa in Western Blots of specific cell lysates and tissues.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:10,000

IHC: 5 µg/mL

WB: 1 µg/mL

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1 mg/mL by UV absorbance at 280 nm

Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2

Preservative: 0.02% (w/v) Sodium Azide

Stabilizer: None

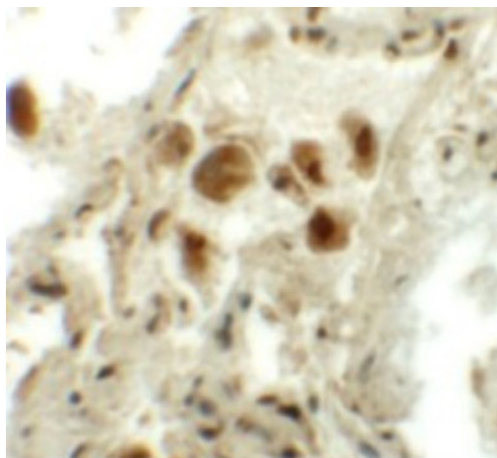
Shipping & Handling

Shipping Condition: Dry Ice

Storage Condition: 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

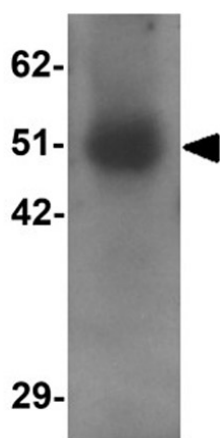


Immunohistochemistry

Immunohistochemistry of RASSF10.

Tissue: human lung tissue.

Primary Antibody: RASSF10 antibody at 5 µg/mL.



Western Blot

Western blot analysis of RASSF10.

Load: human lung tissue lysate.

Primary Antibody: RASSF10 antibody at 1 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.