

Datasheet for 600-401-CM8**LRRFIP2 Antibody****Overview**

Description:	Anti-LRRFIP2 (RABBIT) Antibody - 600-401-CM8
Item No.:	600-401-CM8
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The leucine-rich repeat FLI-I-interacting protein 2 (LRRFIP2), like the related protein LRRFIP1, was identified in a yeast two-hybrid system through binding to the LRR domain of human FLI. It can activate the Wnt signaling pathway in cultured cells and is thought to be a component of the Wnt signaling pathway that modulates Wnt signaling through interactions with Disheveled to increase the cellular levels and transcription activity of beta-catenin. LRRFIP2 has recently been characterized as a positive regulator of the TLR4 signaling pathway for activating NF-kB during the early host response to LPS stimulation through binding to the TLR adaptor protein MyD88, and that this interaction with MyD88 is governed by phosphorylation of specific residues in LRRFIP2.
Synonyms:	LRRFIP2 Antibody, HUF1-2, Leucine-rich repeat flightless-interacting protein 2, LRR FLII-interacting protein 2
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	LRRFIP2
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-LRRFIP2 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the C-terminus of human LRRFIP2.
Purity/Specificity:	Anti-LRRFIP2 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Three isoforms of LRRFIP2 are known to exist; this antibody will recognize all three. LRRFIP2 antibody is predicted to not cross-react with other LRRFIP family members.
Relevant Links:	• UniProtKB - Q9Y608 • GeneID - 9209 • NCBI - NP_006300

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-LRRFIP2 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 82 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:	1:5000 - 1:10000
IF:	20 µg/mL
IHC:	5 µg/mL
WB:	0.5-1 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

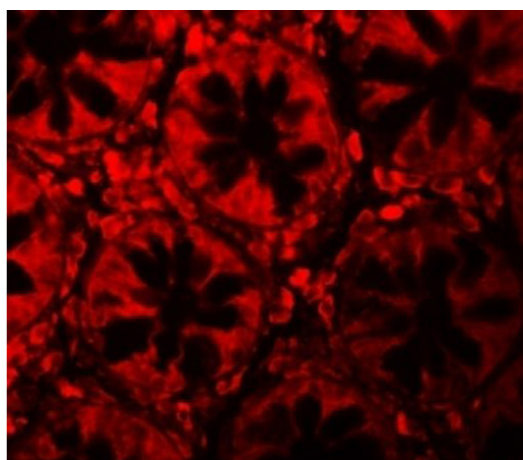
Shipping & Handling

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

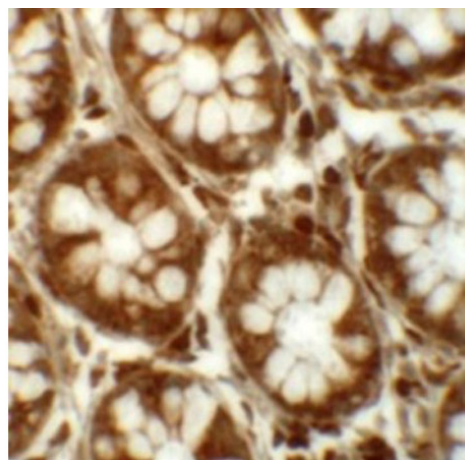


Immunofluorescence Microscopy

Immunofluorescence of LRRFIP2.

Tissue: human colon tissue.

Primary Antibody: LRRFIP2 antibody at 20 µg/mL.

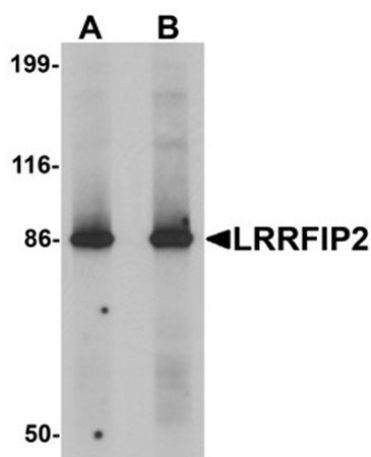


Immunohistochemistry

Immunohistochemistry of LRRFIP2.

Tissue: human colon tissue.

Primary Antibody: LRRFIP2 antibody at 5 µg/mL.

**Western Blot**

Western blot analysis of LRRFIP2.

Load: rat colon tissue lysate.

Primary Antibody: LRRFIP2 antibody at (A) 0.5 µg/mL and (B) 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.