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Datasheet for 600-401-CM7

LRRFIP1 Antibody

Overview

Description:	Anti-LRRFIP1 (RABBIT) Antibody - 600-401-CM7
Item No.:	600-401-CM7
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	LRRFIP1, also known as GC-binding factor 2 (GCF2), is a 738 amino acid transcriptional repressor that mainly plays a cytoskeletal role. It is primarily localized in the cytoplasm and preferentially binds to GC-rich dsDNA, but will also bind directly to dsRNA as well. The RNA binding domain encompasses a lysine-rich motif. LRRFIP1 interacts with the mammalian Flightless I (Fli-I) and is a key component in the cytoskeletal regulation of platelet function. LRRFIP1 and the related protein LRRFIP2 may modulate canonical WNT signaling and mediate the IRF3-induced production of type I interferon via a beta-catenin-dependent pathway.
Synonyms:	LRRFIP1 Antibody, GCF2, TRIP, FLAP1, GCF-2, FLAP-1, HUFI-1, FLIIAP1, GCF2, Leucine-rich repeat flightless-interacting protein 1, GC-binding factor 2, LRR FLII-interacting protein 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	LRRFIP1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-LRRFIP1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid synthetic peptide near the C-terminus of human LRRFIP1.

Purity/Specificity:	Anti-LRRFIP1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. LRRFIP1 antibody is predicted to not cross-react with other LRRFIP family members. Three isoforms of LRRFIP1 are known to exist; this antibody will only recognize the two longer isoforms.
Relevant Links:	• UniProtKB - Q32MZ4 • GeneID - 9208 • NCBI - NP_001131022

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-LRRFIP1 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 90 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
IF:	20 µg/mL
IHC:	5 µg/mL
WB:	1 µg/mL

Formulation

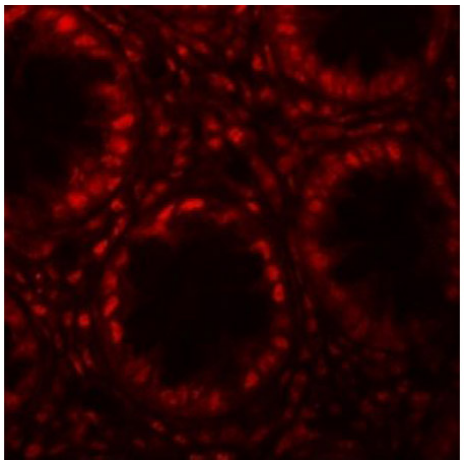
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

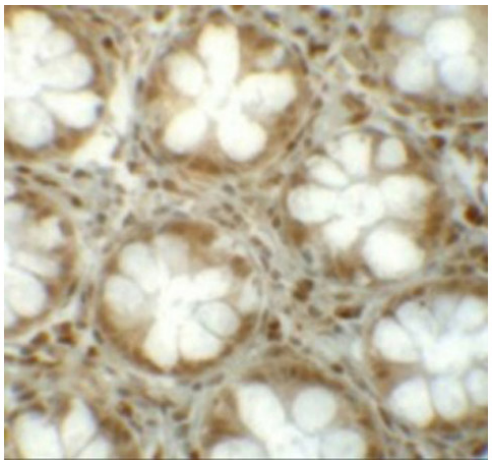
Shipping Condition:	Dry Ice

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.

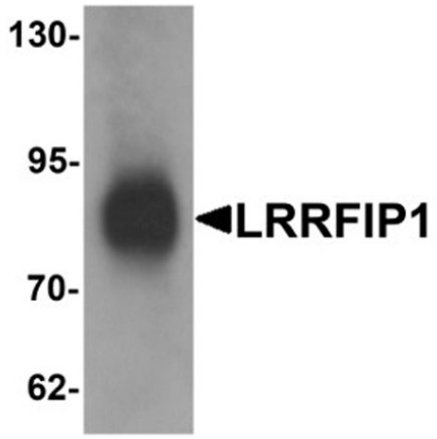
Images



Immunofluorescence Microscopy
Immunofluorescence of LRRFIP1.
Tissue: human colon tissue.
Primary Antibody: LRRFIP1 antibody at 20 µg/mL.



Immunohistochemistry
Immunohistochemistry of LRRFIP1.
Tissue: human colon tissue.
Primary Antibody: LRRFIP1 antibody at 5 µg/mL.



Western Blot
Western blot analysis of LRRFIP1.
Load: human colon tissue lysate.
Primary Antibody: LRRFIP1 antibody at 1 µg/mL.

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