Datasheet for 600-401-AM6

Coronin 7 Antibody

Overview

Description:	Anti-Coronin 7 (RABBIT) Antibody - 600-401-AM6
Item No.:	600-401-AM6
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	Coronins, such as Coronin 7, constitute an evolutionarily conserved family of WD-repeat actin-binding proteins whose function is thought to be regulating the cytoskeleton. Unlike other cytoplasmically localized Coronins, Coronin 7 localizes in part to the Golgi complex and is thought to play a role in Golgi complex morphology and function. Other experiments indicate that Coronin 7 interacts with the anti-proliferative protein TOB1 and enhances its degradation though the SCF ubiquitin ligase (E3) complex.
Synonyms:	Coronin 7 Antibody, CRN7, POD1, 0610011B16Rik, Coronin-7, 70 kDa WD repeat tumor rejection antigen homolog, Crn7
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CORO7
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Coronin 7 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 17 amino acid synthetic peptide near the C-terminus of human Coronin 7.

Purity/Specificity:	Anti-Coronin 7 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Multiple isoforms of Coronin 7 are known to exist
Relevant Links:	• UniProtKB - P57737 • GeneID - 79585 • NCBI - NP_078811

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-Coronin 7 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 101 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 - 1:20,000
IF:	20 µg/mL
IHC:	2.5 µg/mL
WB:	1-2 µg/mL

Formulation

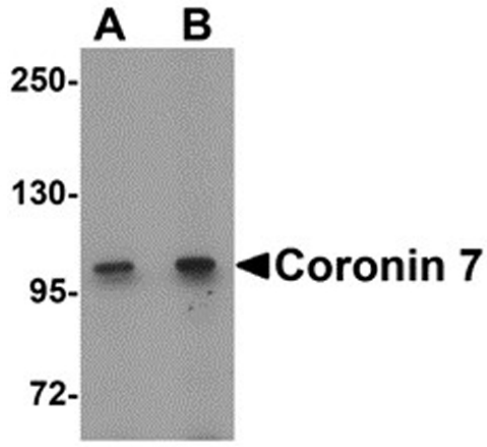
Physical State:	Liquid (sterile filtered)
Concentration:	1mg/ml by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

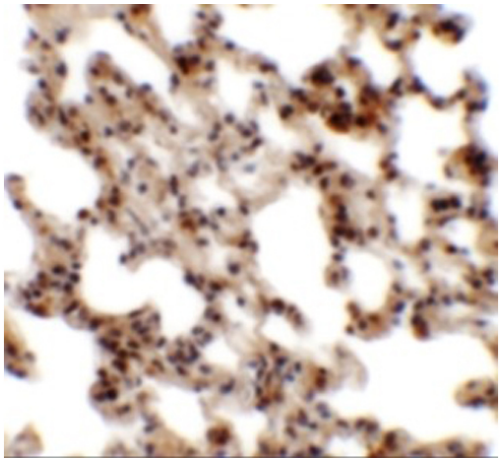
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several 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.

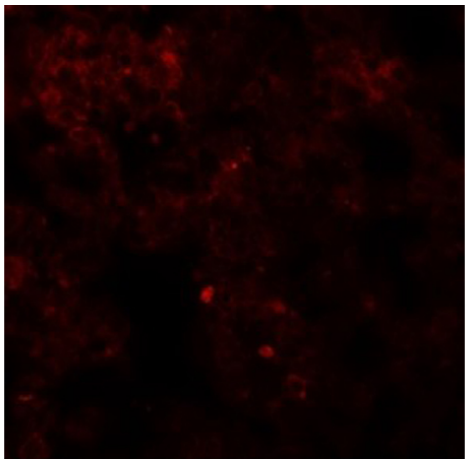
Images



Western Blot
Western blot analysis of Coronin 7. Load: rat lung tissue lysate. Primary Antibody: Coronin 7 antibody at (A) 1 µg/mL and (B) 2 µg/mL.



Immunohistochemistry
Immunohistochemistry of Coronin 7. Tissue: rat lung tissue. Primary Antibody: Coronin 7 antibody at 2.5 µg/mL.



Immunofluorescence Microscopy
Immunofluorescence of Coronin 7. Tissue: rat lung tissue.
Primary Antibody: Coronin 7 antibody at 20 µg/mL.

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