

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 through 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

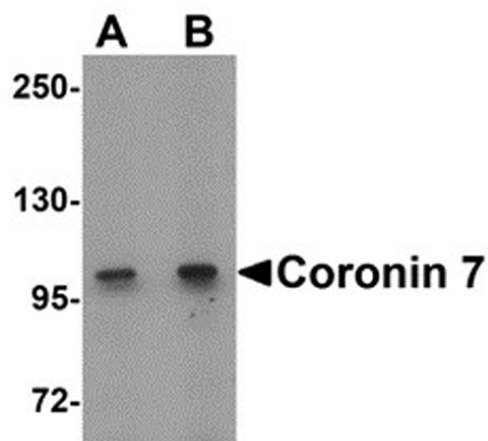
Shipping & Handling

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:

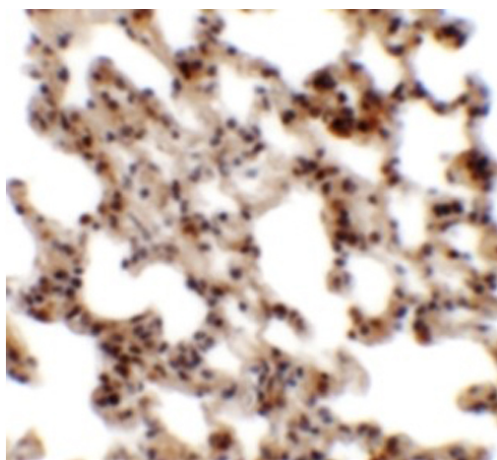
Expiration date is one (1) year from date of receipt.

Images



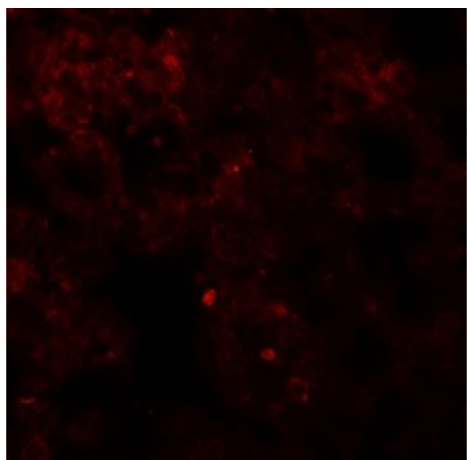
Western Blot

Western blot analysis of Coronin 7. Load: rat lung tissue lysate. Primary Antibody: Coronin 7 antibody at (A) 1 $\mu\text{g/mL}$ and (B) 2 $\mu\text{g/mL}$.



Immunohistochemistry

Immunohistochemistry of Coronin 7. Tissue: rat lung tissue. Primary Antibody: Coronin 7 antibody at 2.5 $\mu\text{g/mL}$.

**Immunofluorescence Microscopy**

Immunofluorescence of Coronin 7. Tissue: rat lung tissue.

Primary Antibody: Coronin 7 antibody at 20 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.