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Datasheet for 600-401-X78

AFAP1L Antibody

Overview

Description:	Anti-AFAP1L (RABBIT) Antibody - 600-401-X78
Item No.:	600-401-X78
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	The actin filament-associated protein 1 (AFAP1)-like 1 protein is one of three members in the AFAP1 family of adaptor proteins. Like AFAP1, AFAP1L1 is an actin binding protein that has a role in actin cytoskeleton arrangement, but AFAP1L1 is thought to have a unique function distinct from AFAP1. AFAP1L1 colocalizes with cortactin and localizes to invadosomes, highly dynamic, actin-rich adhesion structures harboring metalloproteases, suggesting that AFAP1L1 affects invadosome formation (1, 4). Recent reports suggest that AFAP1L1 can be used as a prognostic marker for spindle cell sarcomas.
Synonyms:	AFAP1L Antibody, Actin filament-associated protein 1-like 1, AFAP1-like protein 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	AFAP1L1
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-AFAP1L1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid synthetic peptide near the N-terminus of human AFAP1L1.

Purity/Specificity:	Anti-AFAP1L Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least four isoforms of AFAP1L1 are known to exist. This antibody is predicted to not cross-react with other AFAP family members.
Relevant Links:	• UniProtKB - Q8TED9 • GeneID - 134265 • NCBI - NP_689619

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-AFAP1L Antibody has been tested for use in ELISA, Western Blotting, Immunocytochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 86 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
WB:	1 µg/mL

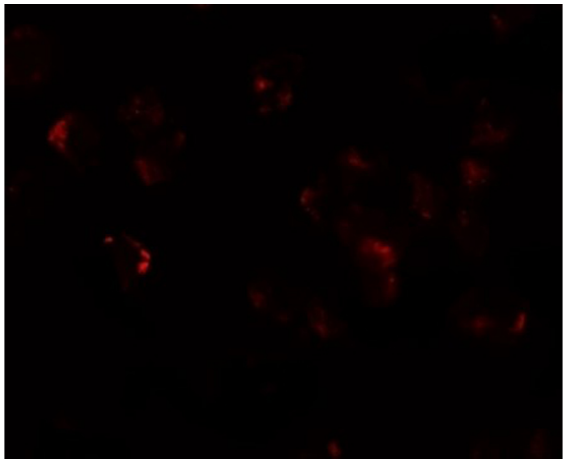
Formulation

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

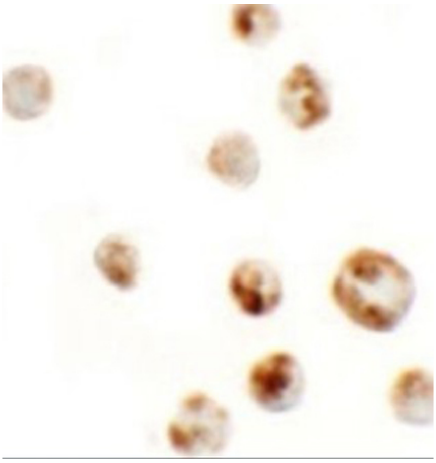
Shipping & Handling

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.

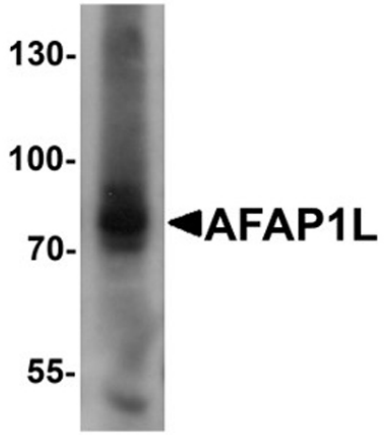
Images



Immunofluorescence Microscopy
Immunofluorescence of AFAP1L.
Cell: A549 cells.
Primary Antibody: AFAP1L antibody at 20 µg/mL.



Immunocytochemistry
Immunocytochemistry of AFAP1L.
Cell: A549 cells.
Primary Antibody: AFAP1L antibody at 5 µg/mL.



Western Blot
Western blot analysis of AFAP1L1.
Load: A549 cell lysate.
Primary Antibody: AFAP1L1 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.