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www.rockland.com
tech@rockland.com
+1 484.791.3823

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

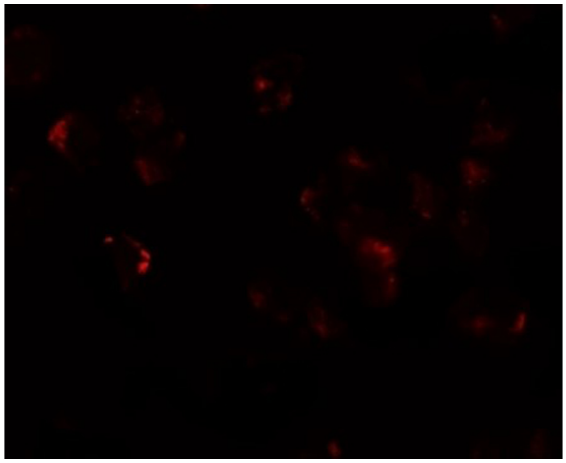
Formulation

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

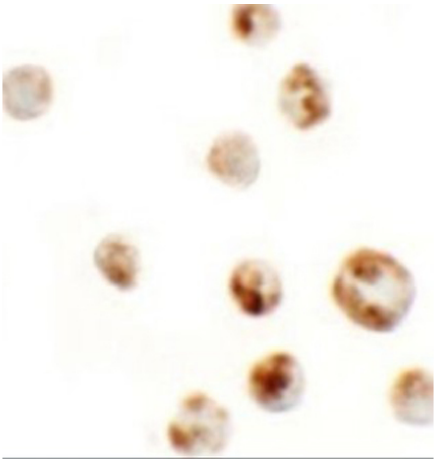
Shipping & Handling

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.

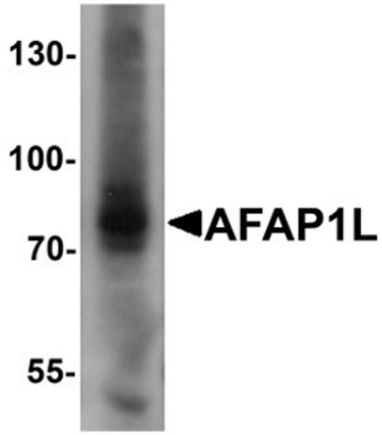
Images



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.

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Disclaimer

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