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FNBP1L Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16582c

Specification

FNBP1L Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q5T0N5
Other Accession	Q2HWF0, Q8K012, NP_001157945.1, NP_001020119.1
Reactivity	**Human, Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**349-377**

FNBP1L Antibody (Center) - Additional Information

Gene ID 54874

Other Names
Formin-binding protein 1-like, Transducer of Cdc42-dependent actin assembly protein 1, Toca-1, FNBP1L, C1orf39, TOCA1

Target/Specificity
This FNBP1L antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 349-377 amino acids from the Central region of human FNBP1L.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FNBP1L Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

FNBP1L Antibody (Center) - Protein Information

Name FNBP1L

Synonyms C1orf39, TOCA1

Function Required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during endocytosis. May bind to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promote membrane invagination and the formation of tubules. Also promotes CDC42-induced actin polymerization by activating the WASL/N-WASP-WASPIP/WIP complex, the predominant form of WASL/N-WASP in cells. Actin polymerization may promote the fission of membrane tubules to form endocytic vesicles. Essential for autophagy of intracellular bacterial pathogens.

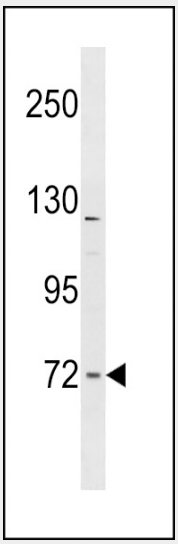
Cellular Location
Cytoplasm. Cytoplasm, cytoskeleton. Cytoplasm, cell cortex. Cytoplasmic vesicle. Cell membrane; Peripheral membrane protein; Cytoplasmic side

FNBP1L Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FNBP1L Antibody (Center) - Images



FNBP1L Antibody (Center) (Cat. #AP16582c) western blot analysis in mouse lung tissue lysates (35ug/lane).This demonstrates the FNBP1L antibody detected the FNBP1L protein (arrow).

FNBP1L Antibody (Center) - Background

The protein encoded by this gene binds to both CDC42 and N-WASP. This protein promotes CDC42-induced actin polymerization by activating the N-WASP-WIP complex and, therefore, is involved in a

pathway that links cell surface signals to the actin cytoskeleton. Alternative splicing results in multiple transcript variants encoding different isoforms.

FNBP1L Antibody (Center) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Bu, W., et al. PLoS ONE 5 (8), E12153 (2010) :
Bu, W., et al. J. Biol. Chem. 284(17):11622-11636(2009)
Huett, A., et al. J. Immunol. 182(8):4917-4930(2009)
Leung, Y., et al. Cell Host Microbe 3(1):39-47(2008)