10320 Camino Santa Fe, Suite G
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TOCA1 / FNBP1L Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS12693

Specification

TOCA1 / FNBP1L Antibody (C-Terminus) - Product Information

Application	**WB, IF, IHC**
Primary Accession	Q5T0N5
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**70kDa KDa**

TOCA1 / FNBP1L Antibody (C-Terminus) - 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

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
TOCA1 / FNBP1L Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TOCA1 / FNBP1L Antibody (C-Terminus) - 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

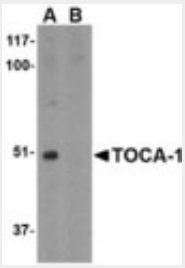
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TOCA1 / FNBP1L Antibody (C-Terminus) - Protocols

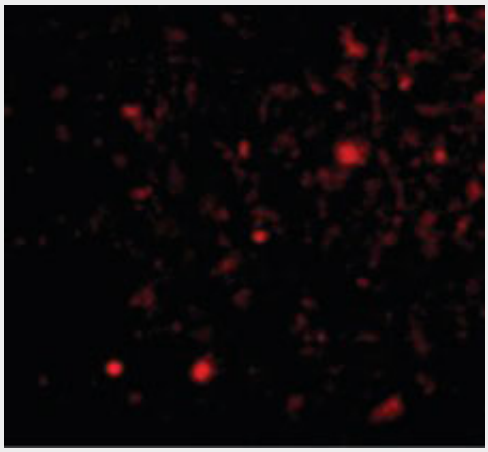
Provided below are standard protocols that you may find useful for product applications.

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

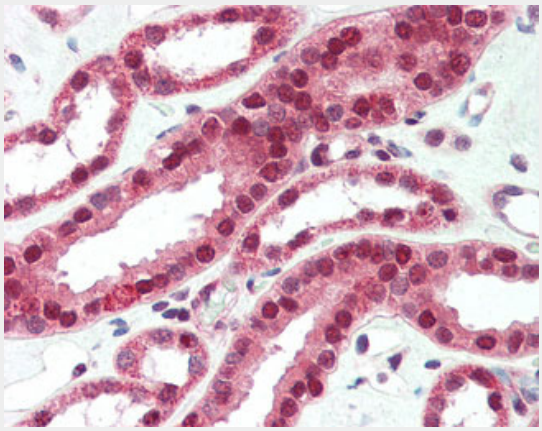
TOCA1 / FNBP1L Antibody (C-Terminus) - Images



Western blot of TOCA-1 in mouse brain tissue lysate with in (A) the absence and (B) the presence...

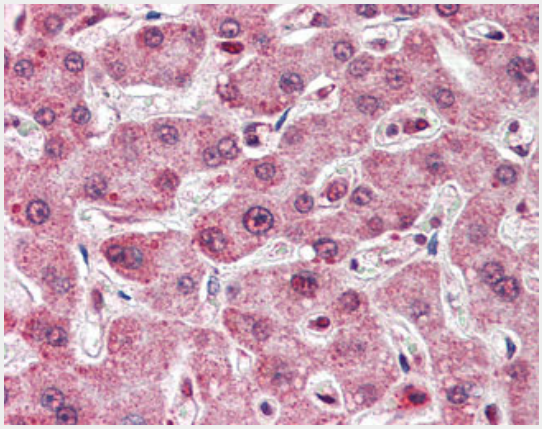


Immunofluorescence of TOCA-1 in Human Brain cells with TOCA-1 antibody at 20 ug/ml.



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Anti-FNBP1L / Toca-1 antibody IHC of human kidney.



Anti-FNBP1L / Toca-1 antibody IHC of human liver.

TOCA1 / FNBP1L Antibody (C-Terminus) - Background

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.

TOCA1 / FNBP1L Antibody (C-Terminus) - References

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