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WIPF2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10977b

Specification

WIPF2 Antibody (C-term) - Product Information

Application	**IHC-P, WB,E**
Primary Accession	Q8TF74
Other Accession	NP_573571.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**46289**
Antigen Region	**392-419**

WIPF2 Antibody (C-term) - Additional Information

Gene ID 147179

Other Names
WAS/WASL-interacting protein family member 2, WASP-interacting protein-related protein, WIP- and CR16-homologous protein, WIP-related protein, WIPF2, WICH, WIRE

Target/Specificity
This WIPF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 392-419 amino acids from the C-terminal region of human WIPF2.

Dilution
IHC-P~~1:50~100
WB~~1:1000
E~~Use at an assay dependent concentration.

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
WIPF2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

WIPF2 Antibody (C-term) - Protein Information

Name WIPF2

Synonyms WICH, WIRE

Function Plays an active role in the formation of cell surface protrusions downstream of activated PDGFB receptors. Plays an important role in actin-microspike formation through cooperation with WASL. May cooperate with WASP and WASL to induce mobilization and reorganization of the actin filament system.

Cellular Location
Cytoplasm, cytoskeleton Note=Localized to stress fibers and bundles of actin filaments

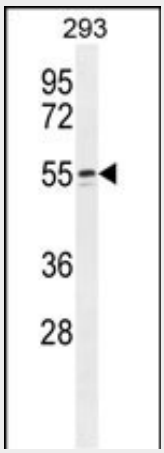
Tissue Location
Expressed mainly in brain, colon, lung and stomach (at protein level). Ubiquitously expressed, with high expression in brain, kidney, lung, and placenta.

WIPF2 Antibody (C-term) - 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

WIPF2 Antibody (C-term) - Images



WIPF2 Antibody (C-term) (Cat. #AP10977b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the WIPF2 antibody detected the WIPF2 protein (arrow).

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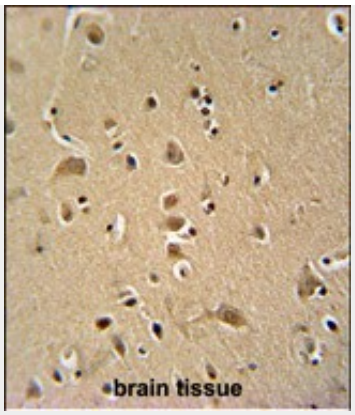

WIPF2 antibody (C-term) (Cat. #AP10977b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the WIPF2 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

WIPF2 Antibody (C-term) - Background

This gene encodes a WASP interacting protein (WIP)-related protein. It has been shown that this protein has a role in the WASP-mediated organization of the actin cytoskeleton and that this protein is a potential link between the activated platelet-derived growth factor receptor and the actin polymerization machinery.

WIPF2 Antibody (C-term) - References

Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004)
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