

# WIPF2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10977b

## Product Information

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|--------------------------|-----------------------------|
| <b>Application</b>       | WB, IHC-P, E                |
| <b>Primary Accession</b> | <a href="#">Q8TF74</a>      |
| <b>Other Accession</b>   | <a href="#">NP_573571.1</a> |
| <b>Reactivity</b>        | Human                       |
| <b>Host</b>              | Rabbit                      |
| <b>Clonality</b>         | Polyclonal                  |
| <b>Isotype</b>           | Rabbit IgG                  |
| <b>Clone Names</b>       | RB24689                     |
| <b>Calculated MW</b>     | 46289                       |
| <b>Antigen Region</b>    | 392-419                     |

## Additional Information

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|---------------------------|--|
| <b>Gene ID</b>            | 147179   |
| <b>Other Names</b>        | WAS/WASL-interacting protein family member 2, WASP-interacting protein-related protein, WIP- and CR16-homologous protein, WIP-related protein, WIPF2, WICH, WIRE             |
| <b>Target/Specificity</b> | 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.       |
| <b>Dilution</b>           | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.  |
| <b>Format</b>             | 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. |
| <b>Storage</b>            | 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.                                      |
| <b>Precautions</b>        | WIPF2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.  |

## Protein Information

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| <b>Name</b>     | WIPF2      |
| <b>Synonyms</b> | WICH, WIRE |

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| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | Cytoplasm, cytoskeleton Note=Localized to stress fibers and bundles of actin filaments   |
| <b>Tissue Location</b>   | Expressed mainly in brain, colon, lung and stomach (at protein level). Ubiquitously expressed, with high expression in brain, kidney, lung, and placenta.  |

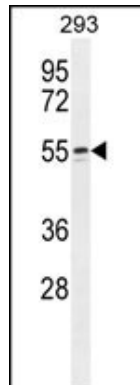
## Background

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.

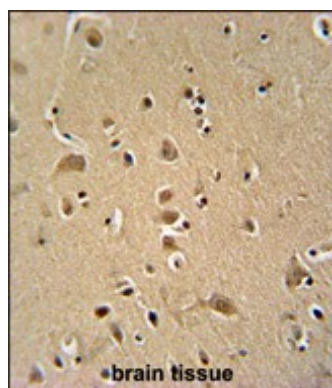
## References

Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004)  
 Salazar, M.A., et al. J. Biol. Chem. 278(49):49031-49043(2003)  
 Aspenstrom, P. Exp. Cell Res. 279(1):21-33(2002)  
 Kato, M., et al. Biochem. Biophys. Res. Commun. 291(1):41-47(2002)

## 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).



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.