

Rabbit WIPF1 Polyclonal Antibody | anti-WIPF1 antibody

WIPF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325258	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

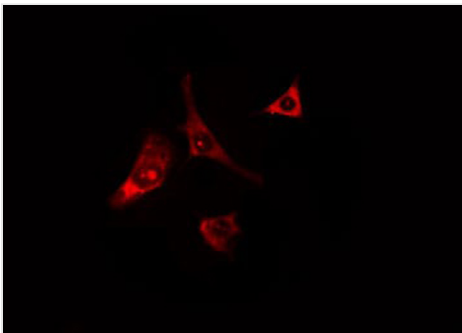
PRODUCT SYNONYMS

WIPF1; Polyclonal Antibody; WIPF1 Antibody; AI115543; D2Erttd120e; MGC111041; Protein PRPL-2; PRPL 2; PRPL-2 protein; WAS/WASL interacting protein family member 1; WAS/WASL-interacting protein family member 1; WAS2; WASP-interacting protein; WASPIP; WIP; Wipf1; WIPF1_HUMAN; Wiskott-Aldrich syndrome protein interacting protein; Wiskott-Aldrich syndrome protein-interacting protein; anti-WIPF1 antibody

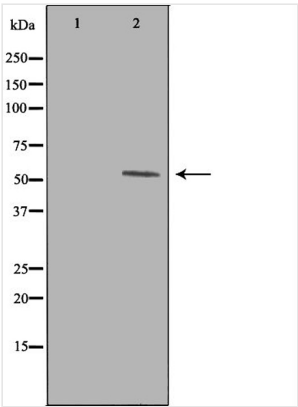
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	WIPF1 antibody detects endogenous levels of total WIPF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	503
Applicable Applications for anti-WIPF1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasmic Vesicle. Cytoplasm > Cytoskeleton. Vesicle surfaces and along actin tails. Co-localized with actin stress fibers. When co-expressed with WASL, no longer associated with actin filaments but accumulated in perinuclear and cortical areas like WASL.
Tissue Specificity	Highly expressed in peripheral blood mononuclear cells, spleen, placenta, small intestine, colon and thymus. Lower expression in ovary, heart, brain, lung, liver, skeletal muscle, kidney, pancreas, prostate and testis.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (92%), Sheep (100%), Rabbit (100%), Dog (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)
AAA325258 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from K562 cells, using WIPF1 antibody., The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-WIPF1 antibody	Function: Plays a role in the reorganization of the actin cytoskeleton. Contributes with NCK1 and GRB2 in the recruitment and activation of WASL. May participate in regulating the subcellular localization of WASL, resulting in the disassembly of stress fibers in favor of filopodia formation. Plays a role in the formation of cell ruffles (By similarity). Plays an important role in the intracellular motility of vaccinia virus by functioning as an adapter for recruiting WASL to vaccinia virus. Subunit Structure: Binds to WAS, profilin and actin. Binds to WASL (By similarity). Interacts with DBNL. Interacts with FNBP1L (via the SH3 domain) (PubMed:19798448). Similarity: Binds to WAS within the N-terminal region 170, at a site distinct from the CDC42-binding site. Belongs to the verprolin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116284398
NCBI GeneID	7456
NCBI Accession #	NP_001070737.1
NCBI GenBank Nucleotide #	NM_001077269.1
UniProt Accession #	O43516; Q15220; Q53TA9; Q6MZU9; Q9BU37; Q9UNP1; B8ZZM1; D3DPE4
Molecular Weight	Observed: 52 kD Predicted: 52 kDa
NCBI Official Full Name	WAS/WASL-interacting protein family member 1
NCBI Official Synonym Full Names	WAS/WASL interacting protein family member 1
NCBI Official Symbol	WIPF1
NCBI Official Synonym Symbols	WIP; WAS2; PRPL-2; WASPIP
NCBI Protein Information	WAS/WASL-interacting protein family member 1
UniProt Protein Name	WAS/WASL-interacting protein family member 1
UniProt Gene Name	WIPF1
UniProt Synonym Gene Names	WASPIP; WIP; WASP-interacting protein

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

