

Anti-WIP antibody



Description	Rabbit polyclonal to WIP.
Model	STJ96270
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human WIP
Immunogen Region	390-470 aa, C-terminal
Gene ID	7456
Gene Symbol	WIPF1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
Specificity	WIP Polyclonal Antibody detects endogenous levels of WIP protein.
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	WAS/WASL-interacting protein family member 1 Protein PRPL-2 Wiskott-Aldrich syndrome protein-interacting protein WASP-interacting protein
Molecular Weight	52 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Alternative Names	WAS/WASL-interacting protein family member 1 Protein PRPL-2 Wiskott-Aldrich syndrome protein-interacting protein WASP-interacting protein
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 . Plays an important role in the intracellular motility of vaccinia virus by functioning as an adapter for recruiting WASL to vaccinia virus.
Sequence and Domain Family	Binds to WAS within the N-terminal region 170, at a site distinct from the CDC42-binding site.
Cellular Localization	Cytoplasmic vesicle Cytoplasm, cytoskeleton Cell projection, ruffle. Vesicle surfaces and along actin tails. Colocalizes with actin stress fibers. When coexpressed with WASL, no longer associated with actin filaments but accumulated in perinuclear and cortical areas like WASL .

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