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Immunotag™ WASL Polyclonal Antibody

Antibody Specification

Catalog No.	ITN2316
Product Description	Immunotag™ WASL Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	WASL
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 190-270
Specificity	WASL Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	WASL
Accession No.	O00401 Q91YD9 O08816

Antibody Specification

Description	Wiskott-Aldrich syndrome like(WASL) Homo sapiens This gene encodes a member of the Wiskott-Aldrich syndrome (WAS) protein family. Wiskott-Aldrich syndrome proteins share similar domain structure, and associate with a variety of signaling molecules to alter the actin cytoskeleton. The encoded protein is highly expressed in neural tissues, and interacts with several proteins involved in cytoskeletal organization, including cell division control protein 42 (CDC42) and the actin-related protein-2/3 (ARP2/3) complex. The encoded protein may be involved in the formation of long actin microspikes, and in neurite extension. [provided by RefSeq, Jul 2013],
Cell Pathway/ Category	Chemokine,Adherens_Junction,Fc gamma R-mediated phagocytosis,Regulates Actin and Cytoskeleton,Pathogenic Escherichia coli infection,
Protein Expression	Brain,Liver,
Subcellular Localization	nucleus,cytosol,plasma membrane,actin cytoskeleton,cytoplasmic, membrane-bounded vesicle,lamellipodium,actin cap,endocytic vesicle membrane,cytoplasmic vesicle,extracellular exosome,
Protein Function	function:Regulates actin polymerization by stimulating the actin-nucleating activity of the Arp2/3 complex. Binds to HSF1/HSTF1 and forms a complex on heat shock promoter elements (HSE) that negatively regulates HSP90 expression.,similarity:Contains 1 CRIB domain.,similarity:Contains 1 WH1 domain.,similarity:Contains 2 WH2 domains.,subcellular location:Preferentially localized in the cytoplasm when phosphorylated and in the nucleus when unphosphorylated.,subunit:Binds actin and the Arp2/3 complex. Interacts with CDC42. Binds to SH3 domains of GRB2. Interacts with the C-terminal SH3 domain of DNMBP. Interacts with the WW domains of PRPF40A/FBP11 (By similarity). Interacts with NOSTRIN. Interacts with Shigella flexneri protein icsA. The interaction with icsA enhances the affinity of WASL for Arp2/3, thus assembling a tight complex which has maximal activity in actin assembly.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.