

## WASL Conjugated Antibody

Catalog No: #C49725



Package Size: #C49725-AF350 100ul #C49725-AF405 100ul #C49725-AF488 100ul  
 #C49725-AF555 100ul #C49725-AF594 100ul #C49725-AF647 100ul  
 #C49725-AF680 100ul #C49725-AF750 100ul #C49725-Biotin 100ul

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## Description

Product Name	WASL Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	WASP family, verprolin homology domain-containing protein 1 antibody WASP family member 1 antibody FLJ31482 antibody homology of dictyostelium scar 1 antibody KIAA0269 antibody Protein WAVE-1 antibodyv Protein WAVE1 antibody scar, Dictyostelium, homology of, 1 antibody SCAR1 antibody Similar to a plant extensin like protein antibody Verprolin homology domain containing protein 1 antibody Verprolin homology domain-containing protein 1 antibody WAS protein family, member 1 antibody Wasf1 antibody WASF1_HUMAN antibody WASL antibody WASP family 1 antibody WASP family protein member 1 antibody WASP family, verprolin homology domain-containing protein antibody WAVE antibody WAVE1 antibody Wiskott Aldrich syndrome protein family member 1 antibody Wiskott-Aldrich syndrome protein family member 1 antibody
Accession No.	Swiss-Prot#:O00401
Uniprot	O00401
GenElD	8976;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	55 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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. Regulates actin polymerization by stimulating the actin-nucleating activity of the Arp2/3 complex. Involved in mitosis and cytokinesis, via its role in the regulation of actin polymerization. Binds to HSF1/HSTF1 and forms a complex on heat shock promoter elements (HSE) that negatively regulates HSP90 expression..

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Note: This product is for in vitro research use only