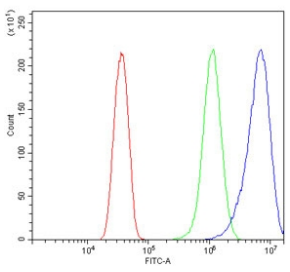
WASL Antibody / N-WASP (RQ6160)

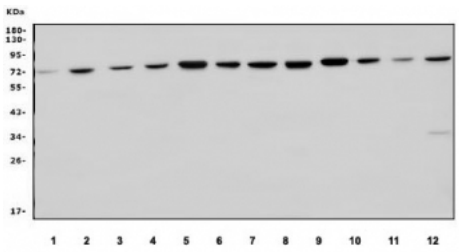
Catalog No.	Formulation	Size
RQ6160	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O00401
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This WASL antibody is available for research use only.



Flow cytometry testing of human HeLa cells with WASL antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= WASL antibody.



Western blot testing of 1) human SH-SY5Y, 2) human U-87 MG, 3) human HeLa, 4) human Caco-2, 5) rat brain, 6) rat lung, 7) rat liver, 8) rat C6, 9) mouse brain, 10) mouse lung, 11) mouse liver and 12) mouse Neuro-2a lysate with WASL antibody. Predicted molecular weight ~65 kDa.

Description

Neural Wiskott-Aldrich syndrome protein is a protein that in humans is encoded by the WASL gene. 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.

Application Notes

Optimal dilution of the WASL antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids Q5-H211) was used as the immunogen for the WASL antibody.

Storage

After reconstitution, the WASL antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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