

WASL Antibody

Catalog No: #32726

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Description

Product Name	WASL Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total WASL protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human WASL.
Target Name	WASL
Other Names	NWASP; N-WASP;
Accession No.	Swiss-Prot:O00401NCBI Gene ID:8976
SDS-PAGE MW	54KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

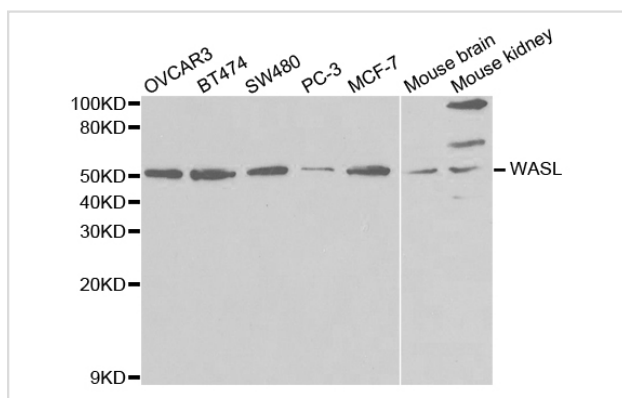
Application Details

Western blotting: 1:500 - 1:2000

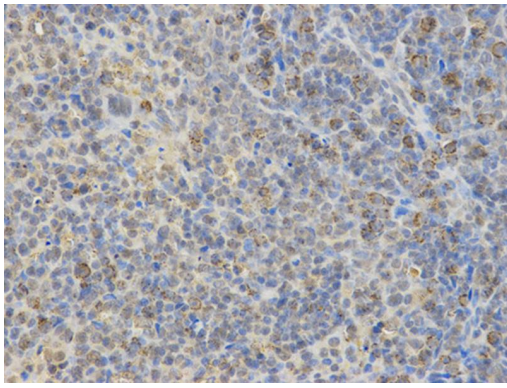
Immunohistochemistry: 1:50 - 1:200

Immunofluorescence: 1:50 - 1:200

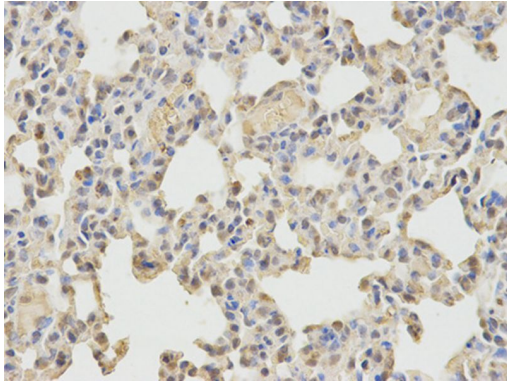
Images



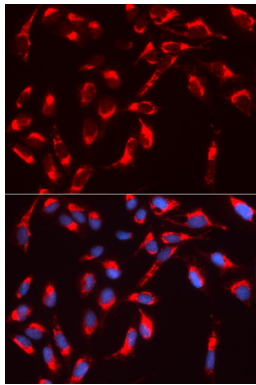
Western blot analysis of extracts of various cell lines, using WASL antibody.



Immunohistochemical analysis of paraffin-embedded rat lung using WASL antibody at dilution of 1:100 (400x lens).



Immunohistochemical analysis of paraffin-embedded rat spleen using WASL antibody at dilution of 1:100 (400x lens).



Immunofluorescence analysis of U2OS cell using WASL antibody. Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.