N-WASP/WASL Rabbit pAb

Catalog No.: A2576 3 Publications



Basic Information

Observed MW

65kDa/

Calculated MW

55kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID8976

Swiss Prot
000401

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

NWASP; WASPB; N-WASP; N-WASP/WASL

Contact

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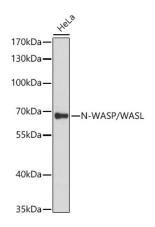
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.



Western blot analysis of lysates from HeLa cells using N-WASP/WASL Rabbit pAb (A2576) at 1:3000 dilution incubated overnight at 4° C.

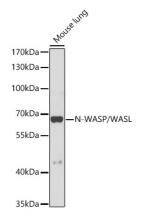
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Western blot analysis of lysates from Mouse lung using N-WASP/WASL Rabbit pAb (A2576) at 1:3000 dilution incubated overnight at $4\,^\circ\! C.$

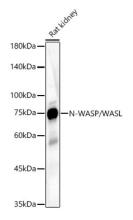
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Western blot analysis of lysates from Rat kidney using N-WASP/WASL Rabbit pAb (A2576) at 1:2000 dilution.

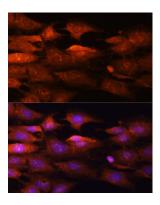
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 μg per lane.

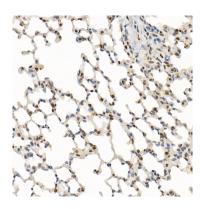
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

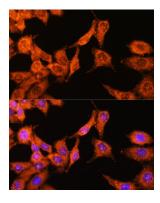
Exposure time: 30s.



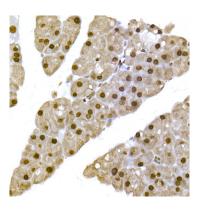
Immunofluorescence analysis of C6 cells using N-WASP/WASL Rabbit pAb (A2576) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



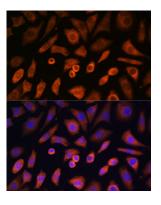
Immunohistochemistry analysis of paraffinembedded Mouse lung using N-WASP/WASL Rabbit pAb (A2576) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of HeLa cells using N-WASP/WASL Rabbit pAb (A2576) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Mouse pancreas using N-WASP/WASL Rabbit pAb (A2576) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of L-929 cells using N-WASP/WASL Rabbit pAb (A2576) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.