

Rabbit WAS Polyclonal Antibody | anti-WAS antibody

WAS Antibody

CATALOG # AAA307942	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

WAS; Polyclonal Antibody; WAS Antibody; IMD2; THC; THC1; WASP; anti-WAS antibody

PRODUCT SPECIFICATIONS

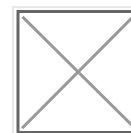
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total WAS protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	502
Applicable Applications for anti-WAS antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human WAS.
Target Name	WAS
Preparation and Storage	Store at -20 degree C

IMAGES



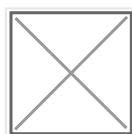
IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded rat kidney using WAS antibody at dilution of 1:100 (200x lens).



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded human esophagus using WAS antibody at dilution of 1:100 (200x lens).



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-WAS antibody	Wiskott-Aldrich syndrome proteins (WASPs) mediate actin dynamics by activating the Arp2/3 actin nucleation complex in response to activated Rho family GTPases. In mammals, five WASP family members have been described. Hematopoietic WASP and ubiquitously expressed N-WASP are autoinhibited in unstimulated cells. Upon stimulation they are activated by cdc42, which relieves the autoinhibition in conjunction with phosphatidyl inositol 4,5-bisphosphate. Three WAVE (Wasf, SCAR) family proteins are similar in sequence to WASP and N-WASP but lack the WASP/N-WASP autoinhibition domains and are indirectly activated by Rac (reviewed in 1). Both WASP and WAVE functions appear to be essential, as knockout of either N-WASP or Scar-2 in mice results in cardiac and neuronal defects and embryonic lethality (2,3). Loss of WASP results in immune system defects and fewer immune cells (4). WAVE-2 (WASF2) is widely distributed, while WAVE-1 and WAVE-3 are strongly expressed in brain (5). WAVE-3 may act as a tumor suppressor in neuroblastoma, a childhood disease of the sympathetic nervous system (6). Increased expression of WAVE-3 is seen in breast cancer, and studies in breast adenocarcinoma cells indicate that WAVE-3 regulates breast cancer progression, invasion and metastasis through the p38 mitogen-activated protein kinase (MAPK) pathway (7,8).
Product Categories/Family for anti-WAS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507909
NCBI GeneID	7454
NCBI Accession #	NP_000368.1
NCBI GenBank Nucleotide #	NM_000377.2
UniProt Accession #	P42768; Q9BU11; Q9UNJ9
Molecular Weight	52,913 Da
NCBI Official Full Name	wiskott-Aldrich syndrome protein
NCBI Official Synonym Full Names	Wiskott-Aldrich syndrome
NCBI Official Symbol	WAS
NCBI Official Synonym Symbols	THC; IMD2; SCNX; THC1; WASP; WASPA
NCBI Protein Information	wiskott-Aldrich syndrome protein
UniProt Protein Name	Wiskott-Aldrich syndrome protein
UniProt Gene Name	WAS
UniProt Synonym Gene Names	IMD2; WASp
UniProt Entry Name	WASP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/was-antibody-immunohistochemistry-western-blot-elisa/307942>