

Rabbit anti-Human, Mouse WAVE1 Polyclonal Antibody | anti-WAVE1 antibody

WAVE1 (Phospho-Tyr125) Antibody

CATALOG # AAA301843	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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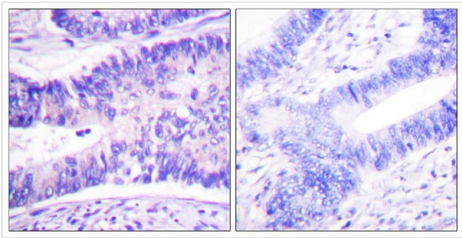
PRODUCT SYNONYMS

WAVE1; Polyclonal Antibody; WAVE1 (Phospho-Tyr125) Antibody; KIAA0269; SCAR1; Verprolin homology domain-containing protein 1; WAS1; WASF1; WASP-family protein member 1; Wiskott-Aldrich syndrome protein family member 1; anti-WAVE1 antibody

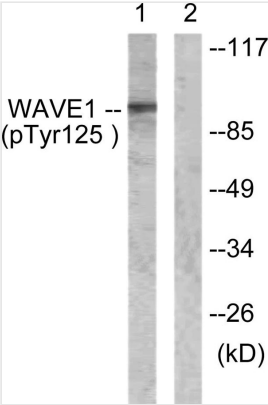
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of WAVE1 only when phosphorylated at tyrosine 125.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	559
Applicable Applications for anti-WAVE1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 125 (E-T-Y(p)-D-V) derived from Human WAVE1.
Modification	Phospho-Tyr125
Target Name	WAVE1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using WAVE1 (Phospho-Tyr125) antibody. The picture on the right is treated with the synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from NIH/3T3 cells, treated with Insulin (0.01U/ml, 15mins), using WAVE1 (Phospho-Tyr125) antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-WAVE1 antibody	Downstream effector molecule involved in the transmission of signals from tyrosine kinase receptors and small GTPases to the actin cytoskeleton. Promotes formation of actin filaments. Part of the WAVE complex that regulates lamellipodia formation. The WAVE complex regulates actin filament reorganization via its interaction with the Arp2/3 complex.
Product Categories/Family for anti-WAVE1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	68161500
NCBI GeneID	8936
NCBI Accession #	NP_001020105.1
NCBI GenBank Nucleotide #	NM_001024934.1
UniProt Accession #	Q92558; Q5SZK7; E1P5F2
Molecular Weight	61,652 Da
NCBI Official Full Name	wiskott-Aldrich syndrome protein family member 1
NCBI Official Synonym Full Names	WAS protein family, member 1
NCBI Official Symbol	WASF1
NCBI Official Synonym Symbols	WAVE; SCAR1; WAVE1
NCBI Protein Information	wiskott-Aldrich syndrome protein family member 1
UniProt Protein Name	Wiskott-Aldrich syndrome protein family member 1
UniProt Gene Name	WASF1
UniProt Synonym Gene Names	KIAA0269; SCAR1; WAVE1; WASP family protein member 1
UniProt Entry Name	WASF1_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.

