

VASP Antibody | anti-VASP antibody

VASP (Phospho-Ser157) Antibody

CATALOG # AAA266616	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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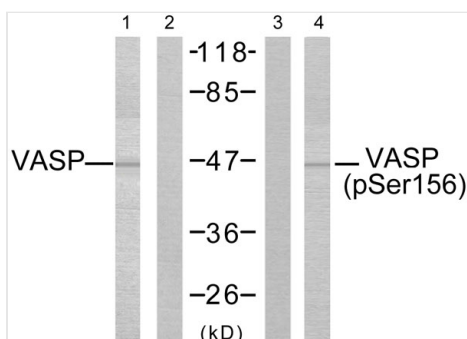
PRODUCT SYNONYMS

VASP; VASP (Phospho-Ser157) Antibody; Vasodilator-stimulated phosphoprotein; anti-VASP antibody

PRODUCT SPECIFICATIONS

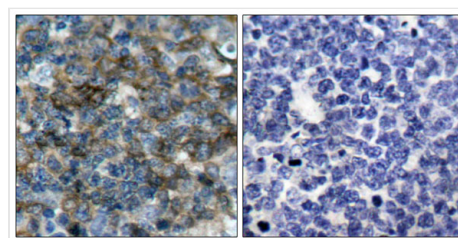
Reactivity	Human, Mouse, Rat
Specificity	VASP (phospho-Ser157) antibody detects endogenous levels of VASP only when phosphorylated at serine 157.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	380
Applicable Applications for anti-VASP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human VASP around the phosphorylation site of serine 157 (R-V-SP-N-A).
All Sites	Human: Ser157 or Ser156 Mouse: Ser152 Rat: Ser154
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells untreated or treated with forskolin (40μM, 30min), using VASP (Ab-157) antibody (Line 1 and 2) and VASP (phospho-Ser157) antibody (Line 3 and 4).



IHC (Immunohistochemistry)

P-Peptide-+ Immunohistochemical analysis of paraffin-embedded human tonsil tissue using VASP (phospho-Ser157) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-VASP antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Zhao WM, et al. (2001) EMBO J 20(9): 2315-2325. Millard TH, et al. (2005) EMBO J 24(2): 240-250. Kühnel K, et al. (2004) Proc Natl Acad Sci U S A 101(49): 17027-17032. Haffner C, et al. (1995) EMBO J 14(1): 19-27. Ramesh N, et al. (1997) Proc Natl Acad Sci U S A 94(26): 14671-14676.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507869
NCBI GeneID	7408
NCBI Accession #	NP_003361.1
NCBI GenBank Nucleotide #	NM_003370.3
UniProt Accession #	P50552; Q6PIZ1; Q93035; B2RBT9
Molecular Weight	39,830 Da
NCBI Official Full Name	vasodilator-stimulated phosphoprotein
NCBI Official Synonym Full Names	vasodilator stimulated phosphoprotein
NCBI Official Symbol	VASP
NCBI Protein Information	vasodilator-stimulated phosphoprotein
UniProt Protein Name	Vasodilator-stimulated phosphoprotein
UniProt Gene Name	VASP
UniProt Synonym Gene Names	VASP

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/human-mouse-rat-antibody/vasp/266616>