

Rabbit anti-Human, Rat VASP-S157 Polyclonal Antibody | anti-VASP-S157 antibody

Phospho-VASP-S157 pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281282	Rabbit	Human, Rat	Immunoprecipitation, Western Blot

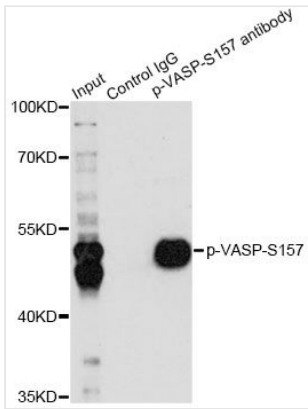
PRODUCT SYNONYMS

VASP-S157; Polyclonal Antibody; Phospho-VASP-S157 pAb; anti-VASP-S157 antibody

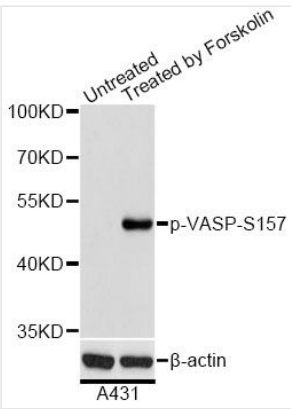
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	RVSNA
Sequence Length	380
Applicable Applications for anti-VASP-S157 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A phospho specific peptide corresponding to residues surrounding S157 of human VASP
Immunogen Species	Human
Cellular Location	Cell junction, Cell projection, Cytoplasm, cytoskeleton, filopodium membrane, focal adhesion, lamellipodium membrane, tight junction
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IP (Immunoprecipitation)
Immunoprecipitation analysis of 200ug extracts of A431 cells treated by Forskolin using 2.5ug Phospho-VASP-S157 antibody. Western blot was performed from the immunoprecipitate using Phospho-VASP-S157 antibody at a dilution of 1:1000.



WB (Western Blot)
Western blot analysis of extracts of A431 cells, using Phospho-VASP-S157 antibody at 1:2000 dilution. A431 cells were treated by Forskolin (10uM) for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-VASP-S157 antibody	Vasodilator-stimulated phosphoprotein (VASP) is a member of the Ena-VASP protein family. Ena-VASP family members contain an EHV1 N-terminal domain that binds proteins containing E/DFPPPPXD/E motifs and targets Ena-VASP proteins to focal adhesions. In the mid-region of the protein, family members have a proline-rich domain that binds SH3 and WW domain-containing proteins. Their C-terminal EVH2 domain mediates tetramerization and binds both G and F actin. VASP is associated with filamentous actin formation and likely plays a widespread role in cell adhesion and motility. VASP may also be involved in the intracellular signaling pathways that regulate integrin-extracellular matrix interactions. VASP is regulated by the cyclic nucleotide-dependent kinases PKA and PKG.
Product Categories/Family for anti-VASP-S157 antibody	Phosphorylated Antibodies

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	Calculated: 39kDa Observed: 50kDa
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/polyclonal/vasp-s157-antibody-immunoprecipitation-western-blot-elisa/281282>