

Product datasheet for TA383199S

VASP Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

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Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:100 IP,1:50 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho S157
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic phosphorylated peptide around S157 of human Phospho-VASP-S157 (NP_003361.1).
Formulation:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	39kDa
Gene Name:	vasodilator-stimulated phosphoprotein
Database Link:	<u>Entrez Gene 7408 Human</u> <u>P50552</u>



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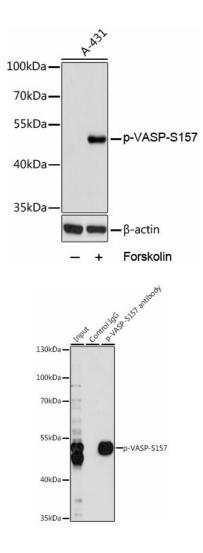
GRIGENE VASP Rabbit Polyclonal Antibody – TA383199S

VASP

Background: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/DFPPPXD/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.

Synonyms:

Product images:



Western blot analysis of extracts of A431 cells, using Phospho-VASP-S157 antibody ([TA383199]) at 1:2000 dilution. A431 cells were treated by Forskolin (10uM) for 30 minutes after serumstarvation 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.

Immunoprecipitation analysis of 200ug extracts of A-431 cells, using 3 ug Phospho-VASP-S157 pAb ([TA383199]). Western blot was performed from the immunoprecipitate using Phospho-VASP-S157 pAb ([TA383199]) at a dilition of 1:1000. A-431 cells were treated by Forskolin (10 uM) at 37°C for 30 minutes after serumstarvation overnight.

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