

VASP(Ab-157) Antibody

Catalog No: #21207



Package Size: #21207-1 50ul #21207-2 100ul #21207-4 25ul

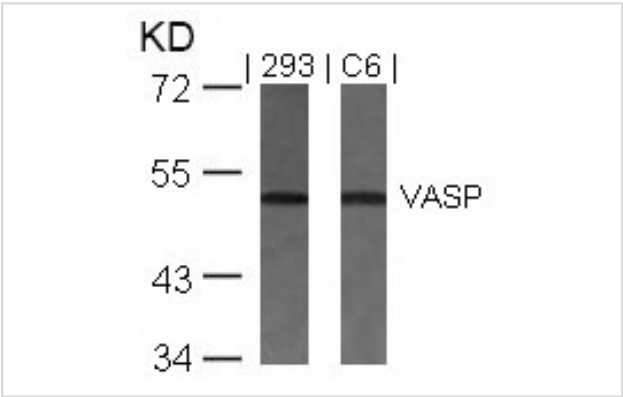
Overview

Product Name	VASP(Ab-157) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IF
Species Reactivity	Human Mouse
Immunogen Type	Peptide-KLH
Target Name	VASP

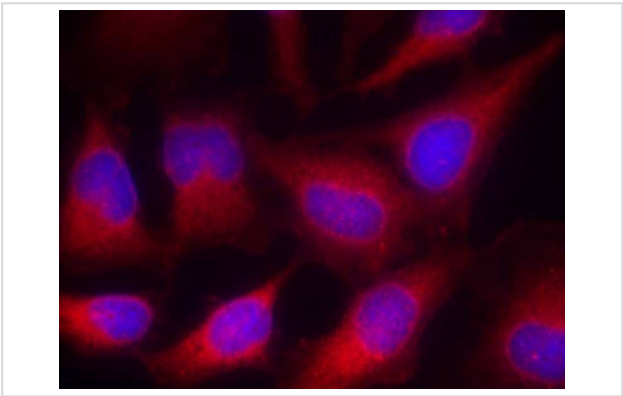
Application Details

Predicted MW: 50kd
Western blotting: 1:500~1:1000
Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from 293 and C6 cells using VASP(Ab-157) Antibody #21207.



Immunofluorescence staining of methanol-fixed HeLa cells using VASP(Ab-157) Antibody #21207.

Descriptions

Immunogen	Peptide sequence around aa.155~159 (R-V-S-N-A) derived from Human VASP.
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Specificity	The antibody detects endogenous level of total VASP protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P50552NCBI Protein: NP_003361.1

Related Information

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.

Zhao WM, et al. (2001) EMBO J 20(9): 2315-2325.

Millard TH, et al. (2005) EMBO J 24(2): 240-250.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.