

VASP Rabbit mAb

Catalog No: #52645

Package Size: #52645-1 50ul #52645-2 100ul

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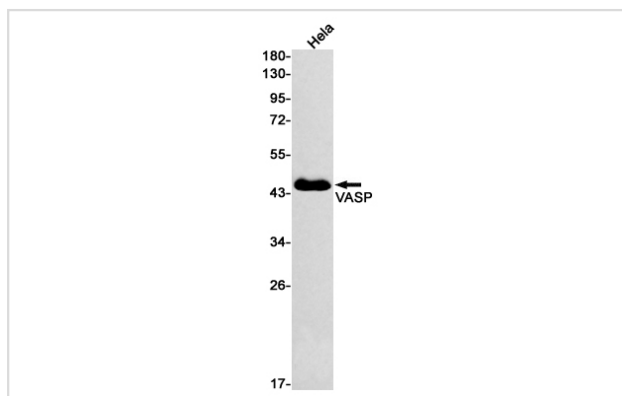
Description

Product Name	VASP Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-2B0
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human VASP
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Vasodilator-stimulated phosphoprotein
Accession No.	Swiss-Prot:P50552GenElD:7408
Uniprot	P50552
GenElD	7408
Calculated MW	Calculated MW: 40 kDa; Observed MW: 46 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of VASP in HeLa cell lysates using VASP Rabbit mAb(1:500 diluted). Predicted band size:40kDa. Observed band size:40kDa.

Background

Swiss-Prot Acc.P50552.Ena/VASP proteins are actin-associated proteins involved in a range of processes dependent on cytoskeleton remodeling and cell polarity such as axon guidance, lamellipodial and filopodial dynamics, platelet activation and cell migration. VASP promotes actin filament elongation. It protects the barbed end of growing actin filaments against capping and increases the rate of actin polymerization in the presence of capping protein. VASP stimulates actin filament elongation by promoting the transfer of profilin-bound actin monomers onto the barbed end of growing actin filaments. Plays a role in actin-based mobility of *Listeria monocytogenes* in host cells. Regulates actin dynamics in platelets and plays an important role in regulating platelet aggregation.

Note: This product is for in vitro research use only