

Product datasheet for **TA385536**

VASP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	WB: 1/500-1/2000 IHC: 1/100-1/300 IF: 1/200-1/1000 ELISA: 1/20000
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized peptide derived from human VASP. AA range:124-173
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Observed MW (kDa):46/50
Gene Name:	vasodilator-stimulated phosphoprotein
Database Link:	Entrez Gene 7408 Human P50552



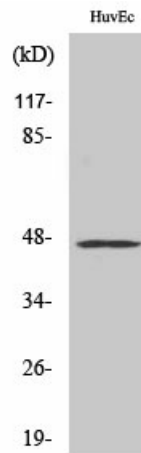
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Background:

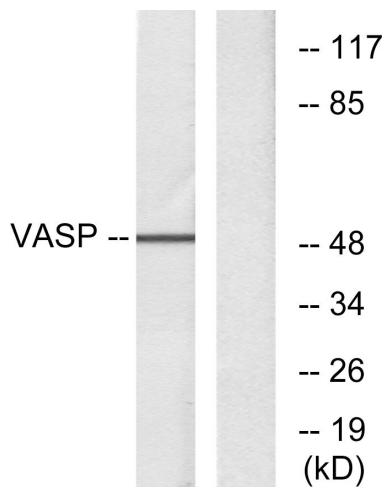
Swiss-Prot Acc.P50552.Ena/VASP proteins are actin-associated proteins involved in a range of processes dependent on cytoskeleton remodeling and cell polarity such as axon guidance, lamellipodial and filopodial dynamics, platelet activation and cell migration. VASP promotes actin filament elongation. 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.

Synonyms:

VASP

Product images:


Western blot analysis of VASP in various lysates using VASP antibody.



Western blot analysis of VASP in NIH/3T3 lysates treated with forskolin using VASP antibody. The lane on the right is blocked with the synthesized peptide.