

## Anti-VASP Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P013465

### Product Information

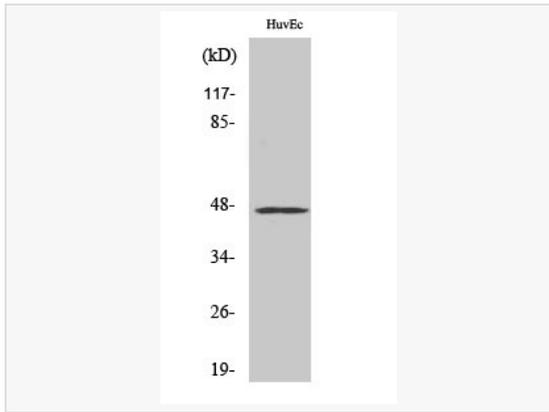
Application	WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat, Monkey
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human VASP.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-VASP antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

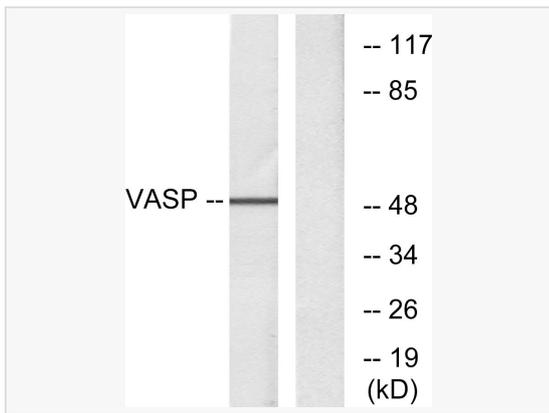
Synonyms	Vasodilator-stimulated phosphoprotein.
Calculated MW	Calculated MW: 40 kDa; Observed MW: 46,50 kDa
Uniprot ID	P50552
Gene ID	7408
Background	VASP (vasodilator-stimulated phosphoprotein), is involved in the maintenance of cytoarchitecture by interacting with actin-like filaments. VASP shares a limited degree of homology with the amino terminus of WASP, which is frequently mutated in WAS patients. An established substrate of cAMP and cGMP dependent kinases, VASP is phosphorylated on a regulatory serine residue 157 and localizes to focal adhesions, microfilaments and highly active regions of the plasma membrane.

## Validation Images

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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.