

AP0213

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# Phospho-VASP-S157 Rabbit pAb

Catalog No.: AP0213

## Basic Information

### Observed MW

50kDa

### Calculated MW

40kDa

### Category

Polyclonal Antibody

### Applications

WB

### Cross-Reactivity

Human, Mouse, Rat

## 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/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.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

7408

### Swiss Prot

P50552

### Immunogen

A phospho specific peptide corresponding to residues surrounding S157 of human Phospho-VASP-S157

### Synonyms

VASP; Phospho-VASP-S157

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

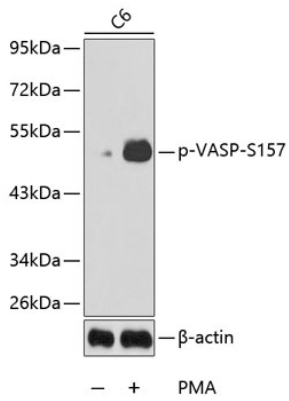
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts from C6 cells untreated or treated with PMA using Phospho-VASP-S157 antibody (AP0213).

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% BSA.