

Phospho-VASP-S239 Rabbit pAb

Catalog No.: AP0187

Basic Information

Observed MW

50 kDa

Calculated MW

40 kDa

Category

Polyclonal Antibodies

Applications

WB, IF/ICC, ELISA

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 - 1:2000**IF/ICC** 1:50 - 1:200**ELISA**

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7408

Swiss-Prot

P50552

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

VASP; Phospho-VASP-S239

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

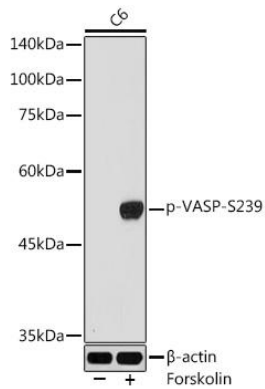
Purity

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of lysates from C6 cells, using Phospho-VASP-S239 Rabbit pAb (AP0187) at 1:1000 dilution. C6 cells were treated with Forskolin (10 μ M) at 37°C for 1 hour after serum-starvation overnight.

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

Lysates/proteins: 25 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.