

Phospho-VASP-S239 Rabbit mAb

Catalog No.: AP1478 **Recombinant**

Basic Information

Observed MW

52kDa/56kDa

Calculated MW

40kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human

CloneNo number

ARC65969

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	1:1000 - 1:5000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

7408

Swiss Prot

P50552

Immunogen

A synthetic phosphorylated peptide around S239 of human VASP (NP_003361.1).

Synonyms

VASP; vasodilator-stimulated phosphoprotein; Phospho-VASP-S239

Contact

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

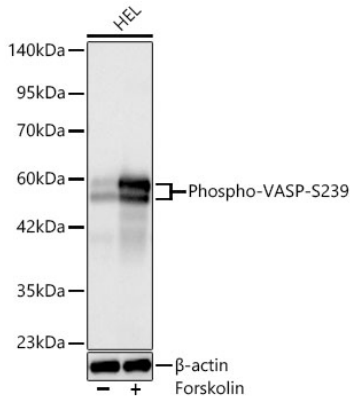
Affinity purification

Storage

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

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from HEL cells using Phospho-VASP-S239 Rabbit mAb (AP1478) at 1:3000 dilution. HEL cells were treated by Forskolin (20 μ M) at 37°C for 30 minutes after serum-starvation overnight.

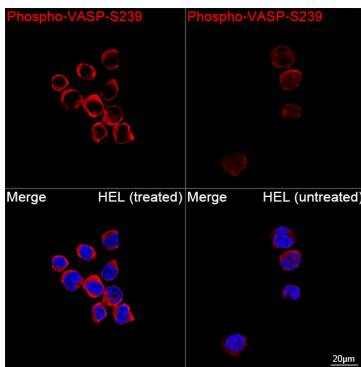
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 30 μ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Confocal imaging of HEL (treated with Forskolin) and HEL (untreated) cells using Phospho-VASP-S239 Rabbit mAb (AP1478, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.