

Note: Centrifuge before opening to ensure complete recovery of vial contents.

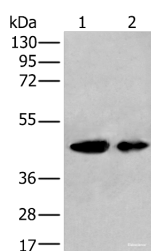
Description

Reactivity	Human, Mouse
Immunogen	Fusion protein of human VASP
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

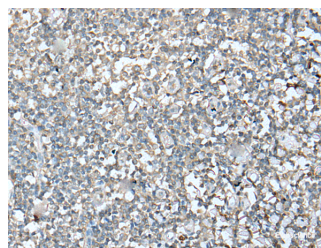
WB	1:500-1:2000
IHC	1:25-1:100
ELISA	1:5000-1:10000

Data



Western blot analysis of A549 and HEPG2 cell lysates using VASP Polyclonal Antibody at dilution of 1:400

Observed Mw:Refer to figures
Calculated Mw:40 kDa



Immunohistochemistry of paraffin-embedded Human tonsil tissue using VASP Polyclonal Antibody at dilution of 1:30(×200)

Preparation & Storage

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

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.

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