

Datasheet for ABIN7252180

anti-VASP antibody

2 Images

[Go to Product page](#)

Overview

| | |
|--------------|--|
| Quantity: | 200 µL |
| Target: | VASP |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This VASP antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

Product Details

| | |
|------------------|-------------------------------|
| Immunogen: | Fusion protein of human VASP |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Antigen affinity purification |

Target Details

| | |
|-------------------|---|
| Target: | VASP |
| Alternative Name: | VASP (VASP Products) |
| 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- |

Target Details

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.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 40 kDa

UniProt: [P50552](#)

Pathways: [TCR Signaling](#), [Regulation of Actin Filament Polymerization](#), [Tube Formation](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

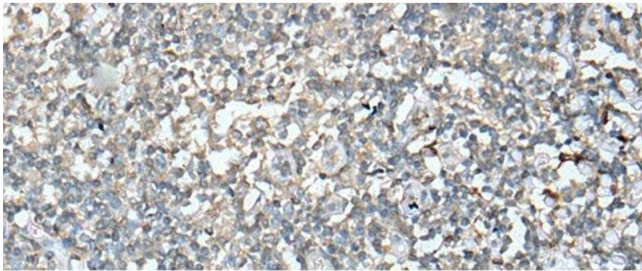
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

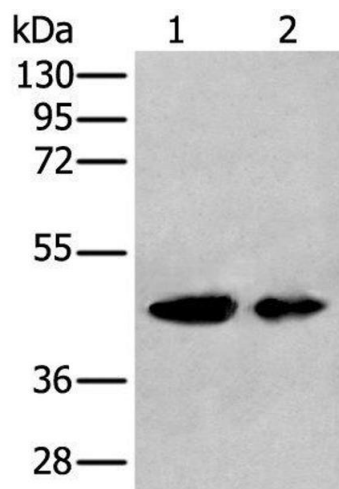
Storage: -20 °C

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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil tissue using VASP Polyclonal Antibody at dilution of 1:30(x200)



Western Blotting

Image 2. Western blot analysis of A549 and HEPG2 cell lysates using VASP Polyclonal Antibody at dilution of 1:400