

Datasheet for ABIN3029586
anti-VASP antibody (AA 267-296)



[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	VASP
Binding Specificity:	AA 267-296
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VASP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 267-296 from the human protein was used as the immunogen for this VASP antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

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

Target Details

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.

UniProt: [P50552](#)

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

Application Details

Application Notes: Titration of the VASP antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

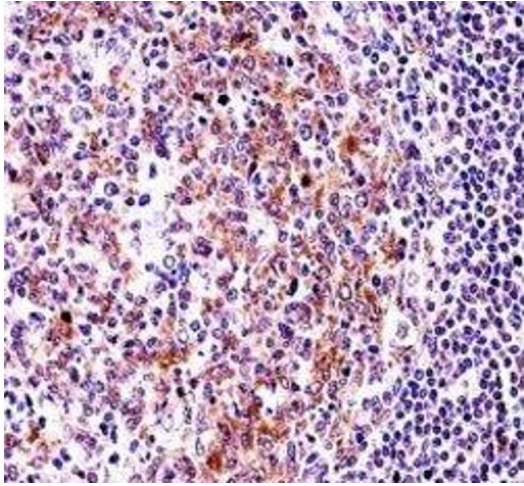
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

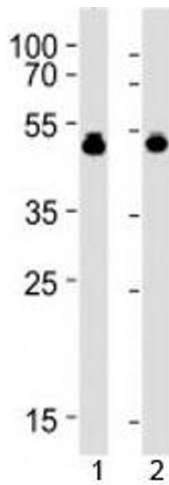
Storage: -20 °C

Storage Comment: Aliquot the VASP antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



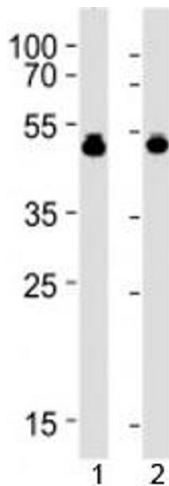
Immunohistochemistry

Image 1. VASP antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue.



Western Blotting

Image 2. VASP antibody western blot analysis with 1) HUVEC and 2) THP-1 lysate



Western Blotting

Image 3. VASP antibody western blot analysis with 1) HUVEC and 2) THP-1 lysate