

Datasheet for ABIN3019749
anti-VASP antibody (pSer239)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	VASP
Binding Specificity:	pSer239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VASP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A phospho specific peptide corresponding to residues surrounding S239 of human Phospho-VASP-S239
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies

Target Details

Target:	VASP
Alternative Name:	VASP (VASP Products)
Background:	Vasodilator-stimulated phosphoprotein (VASP) is a member of the Ena-VASP protein family.

Target Details

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., VASP, Signal Transduction, Cell Biology & Developmental Biology, Cytoskeleton, Actins, Extracellular Matrix, Immunology & Inflammation, Protein phosphorylation, VASP

Molecular Weight: 39 kDa

Gene ID: 7408

UniProt: [P50552](#)

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

Application Details

Application Notes: WB, 1:500 - 1:1000, IHC, 1:50 - 1:200

Restrictions: For Research Use only

Handling

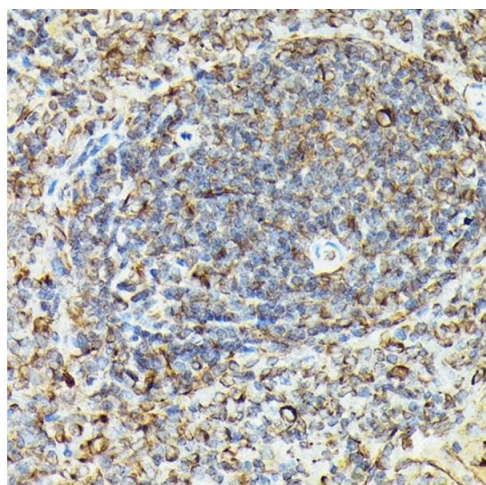
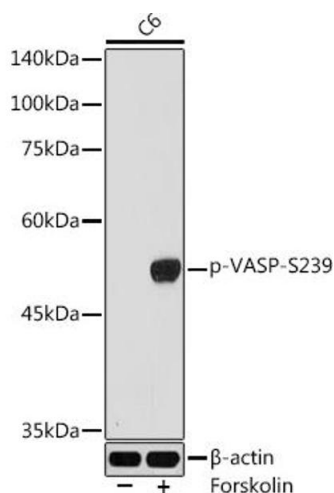
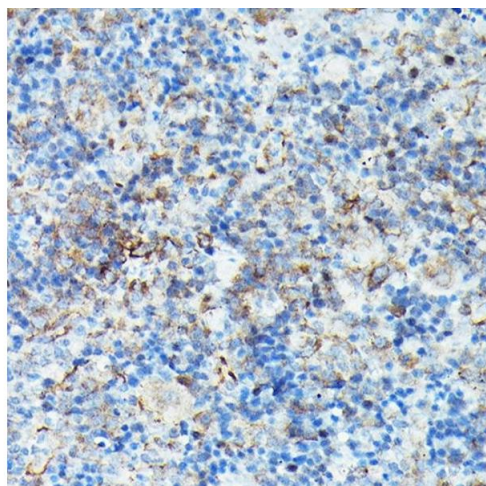
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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

Image 1. Immunohistochemistry of paraffin-embedded mouse spleen using Phospho-VASP-S239 Rabbit pAb (ABIN3019748, ABIN3019749, ABIN3019750, ABIN1682137 and ABIN1682138) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of C6 cells, using Phospho-VASP-S239 antibody (ABIN3019748, ABIN3019749, ABIN3019750, ABIN1682137 and ABIN1682138) at 1:1000 dilution. C6 cells were treated by Forskolin (10 μ M) at 37 °C for 1 hour after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) 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.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat spleen using Phospho-VASP-S239 Rabbit pAb (ABIN3019748, ABIN3019749, ABIN3019750, ABIN1682137 and ABIN1682138) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3019749.