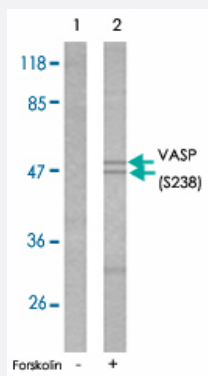


VASP (phospho S238) polyclonal antibody

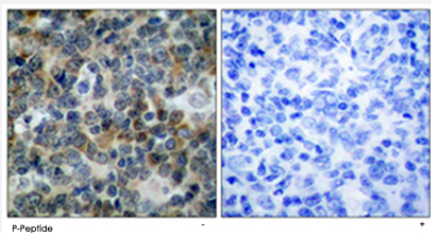
Catalog # PAB25820 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells untreated or treated with forskolin (40uM 30 min) using VASP (phospho S238) polyclonal antibody (Cat # PAB25820).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human tonsil carcinoma tissue using VASP (phospho S238) polyclonal antibody (Cat # PAB25820).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of VASP.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S238 of human VASP.
Sequence	K-V-Sp-K-Q
Host	Rabbit
Theoretical MW (kDa)	50
Reactivity	Human, Mouse

Form	Liquid
Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg ²⁺ and Ca ²⁺), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells untreated or treated with forskolin (40uM 30 min) using VASP (phospho S238) polyclonal antibody (Cat # PAB25820).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human tonsil carcinoma tissue using VASP (phospho S238) polyclonal antibody (Cat # PAB25820).

Gene Info — VASP

Entrez GeneID	7408
Protein Accession#	P50552
Gene Name	VASP
Gene Alias	-
Gene Description	vasodilator-stimulated phosphoprotein
Omim ID	601703
Gene Ontology	Hyperlink

Gene Summary

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/D FPPPPXD/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. [provided by RefSeq]

Other Designations

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Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)