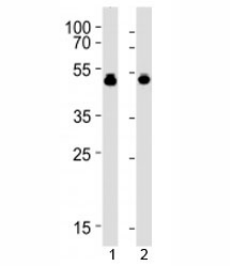
VASP Antibody / Vasodilator stimulated phosphoprotein (F43424)

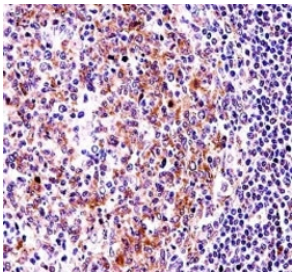
Catalog No.	Formulation	Size
F43424-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43424-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P50552
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
Limitations	This VASP antibody is available for research use only.



VASP antibody western blot analysis with 1) HUVEC and 2) THP-1 lysate. Expected molecular weight: ~40/46-50 kDa (unmodified/phosphorylated).



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

Description

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.

Application Notes

Titration of the VASP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 267-296 from the human protein was used as the immunogen for this VASP antibody.

Storage

Aliquot the VASP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.