Product Datasheet

VASP Rabbit Polyclonal Antibody

Catalog No: #53821

Package Size: #53821-1 50ul #53821-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

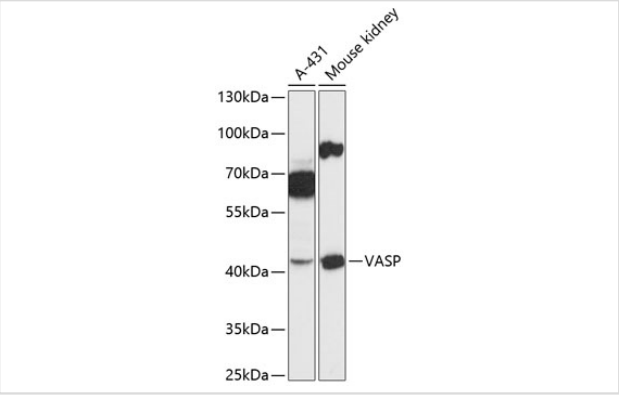
Description

Product Name	VASP Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human VASP (NP_003361.1).
Other Names	VASP
Accession No.	Swiss Prot:P50552GeneID:7408
Calculated MW	39kDa
SDS-PAGE MW	45kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

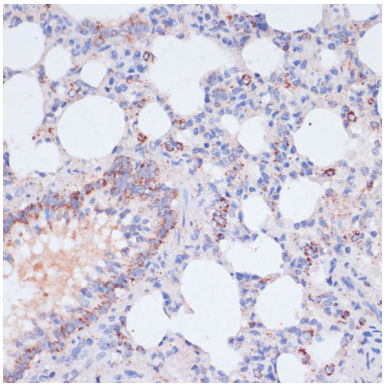
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

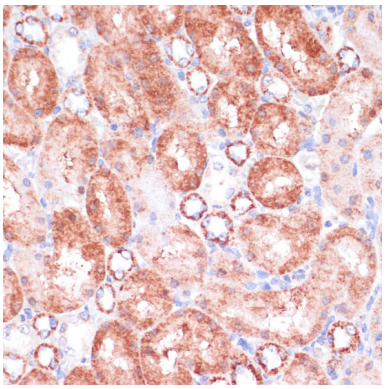
Images



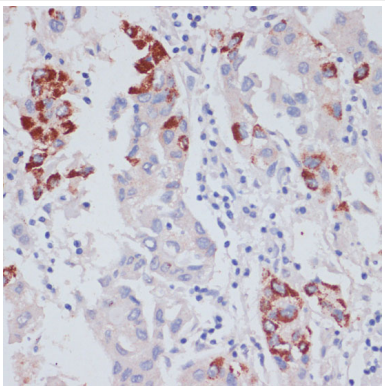
Western blot analysis of extracts of various cell lines, using VASP at 1:3000 dilution.



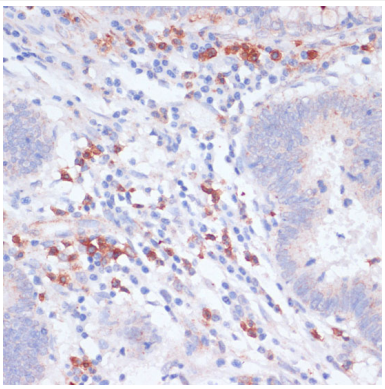
Immunohistochemistry of paraffin-embedded rat lung using VASP at dilution of 1:100 (40x lens).



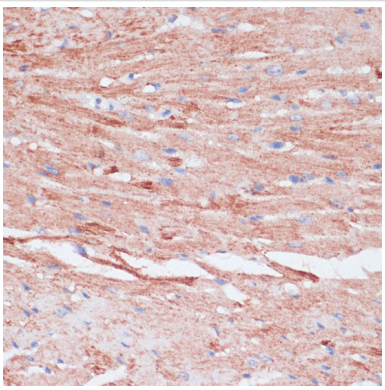
Immunohistochemistry of paraffin-embedded rat kidney using VASP at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using VASP at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon carcinoma using VASP at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using VASP at dilution of 1:100 (40x lens).

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-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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.