

## Rabbit anti-Human VASP Polyclonal Antibody | anti-VASP antibody

VASP Antibody (C-term)

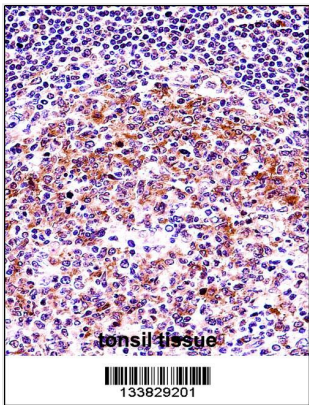
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA288621 | Rabbit | Human      | Western Blot, Immunohistochemistry, ELISA |

### PRODUCT SYNONYMS

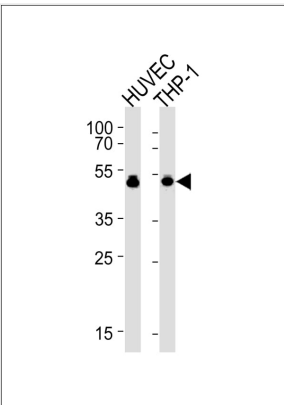
VASP; Polyclonal Antibody; VASP Antibody (C-term); Vasodilator-stimulated phosphoprotein; anti-VASP antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human                                                                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit Ig                                                                                                                                                                    |
| Specificity                                    | This VASP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 267-296 amino acids from the C-terminal region of human VASP.         |
| Purity/Purification                            | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                  | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                             | 267-296                                                                                                                                                                      |
| Sequence Length                                | 380                                                                                                                                                                          |
| Applicable Applications for anti-VASP antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                         |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                            |
| Crown Antibody                                 | Yes                                                                                                                                                                          |
| Antigen Source                                 | HUMAN                                                                                                                                                                        |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**IHC (Immunohiostchemistry)**  
VASP Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of VASP Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
VASP Antibody (C-term) western blot analysis in HUVEC,THP-1 cell line lysates (35ug/lane).This demonstrates the VASP antibody detected the VASP protein (arrow).

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-VASP antibody | 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. |
| Product Categories/Family for anti-VASP antibody   | Crown Antibodies; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| References                                         | Barragan, P., et al. Thromb. Haemost. 104(2):410-411(2010)<br>Dittrich, M., et al. Arterioscler. Thromb. Vasc. Biol. 30(4):843-850(2010)<br>Gan, L., et al. Mol. Immunol. 47(6):1278-1282(2010)<br>Osmancik, P., et al. Catheter Cardiovasc Interv 75(2):158-166(2010)<br>Siller-Matula, J.M., et al. J. Thromb. Haemost. 8(2):351-359(2010)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 4507869                               |
| NCBI GeneID                      | 7408                                  |
| NCBI Accession #                 | NP_003361.1                           |
| NCBI GenBank Nucleotide #        | NM_003370.3                           |
| UniProt Accession #              | P50552; Q6PIZ1; Q93035; B2RBT9        |
| Molecular Weight                 | 39830                                 |
| NCBI Official Full Name          | vasodilator-stimulated phosphoprotein |
| NCBI Official Synonym Full Names | vasodilator-stimulated phosphoprotein |
| NCBI Official Symbol             | VASP                                  |

|                            |                                       |
|----------------------------|---------------------------------------|
| NCBI Protein Information   | vasodilator-stimulated phosphoprotein |
| UniProt Protein Name       | Vasodilator-stimulated phosphoprotein |
| UniProt Gene Name          | <b>VASP</b>                           |
| UniProt Synonym Gene Names | VASP                                  |
| UniProt Entry Name         | VASP_HUMAN                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/vasp-antibody-western-blot-immunohistochemistry-elisa/288621>