

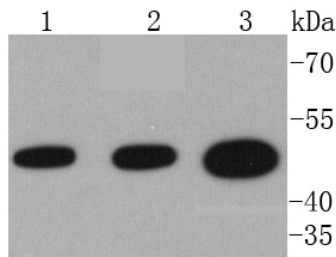
Anti-VASP Antibody (9M719)

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 46 kDa.
Clone:	9M719
Purification:	ProA affinity purified

Applications

Verified Activity: 1. Western blot analysis of VASP on different lysates using anti-VASP antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa, Lane 2: MCF-7 Lane 3: HT29.



Application:	IP, WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P50552
Synonyms:	Vasodilator-stimulated phosphoprotein; Vasodilator stimulated phosphoprotein; VASP_HUMAN; VASP

Research Background

The Wiskott-Aldrich syndrome (WAS) is characterized by thrombocytopenia, eczema, defects in cell-mediated and humoral immunity, and a propensity for lymphoproliferative diseases. The syndrome is the result of a mutation in the gene encoding a proline-rich protein termed WASP. WASP has been identified as a downstream effector of Cdc42 and has been implicated in Actin polymerization and cytoskeletal organization. A distantly related protein, VASP (vaso-dilator-stimulated phosphoprotein), is involved in the maintenance of cytoarchitecture by interacting with Actin-like filaments. VASP shares a limited degree of homology with the amino-terminus of WASP, which is frequently mutated in WAS patients. An established substrate of cAMP and cGMP dependent kinases, VASP is phosphorylated on a regulatory Serine residue 157 and localizes to focal adhesions, microfilaments and highly

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active regions of the plasma membrane. VASP is highly expressed in human platelets and, like WASP, may play a role in cytoskeletal organization.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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