

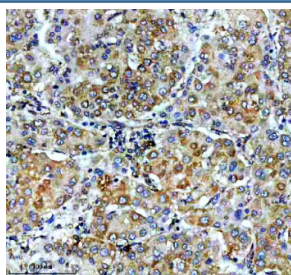
VASP Antibody / Vasodilator stimulated phosphoprotein [clone BHO-22] (RQ8900)

Catalog No.	Formulation	Size
RQ8900	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

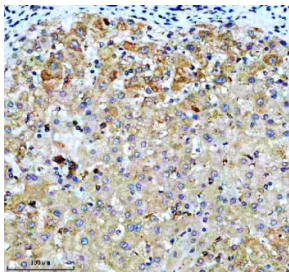
Recombinant **RABBIT MONOCLONAL**

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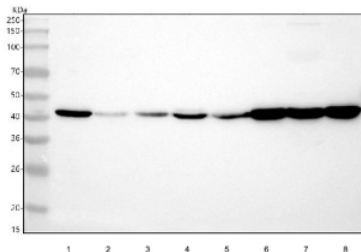
Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	BHO-22
Purity	Affinity chromatography
UniProt	P50552
Localization	Cytoplasm
Applications	Western Blot : 1:500 Immunohistochemistry (FFPE) : 1:50
Limitations	This VASP antibody is available for research use only.



IHC staining of FFPE human liver cancer tissue with VASP antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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Western blot testing of human 1) HeLa, 2) Jurkat, 3) HepG2, 4) MCF7, 5) SH-SY5Y, 6) HEL, 7) RT4 and 8) K562 cell lysate with VASP antibody. Expected molecular weight: ~40/46-50 kDa (unmodified/phosphorylated).

Description

Vasodilator stimulated phosphoprotein (VASP) is an actin-associated protein that regulates cytoskeletal organization, cell adhesion, and motility. It plays a key role in actin filament elongation and interacts with other cytoskeletal proteins to control cell shape and movement. VASP is a downstream target of cyclic nucleotide signaling pathways.

VASP is expressed in a variety of tissues, including platelets, endothelial cells, and smooth muscle cells. It is involved in processes such as platelet aggregation, vascular integrity, and cell migration. Altered VASP expression or phosphorylation status has been linked to cardiovascular disease, cancer, and immune responses.

Using a high-quality VASP antibody allows for precise detection in applications such as western blot, immunohistochemistry, and immunofluorescence. A VASP antibody from NSJ Bioreagents ensures sensitivity and reproducibility for studies on cytoskeletal regulation, cell motility, and signaling pathways. Selecting the right VASP antibody is essential for generating accurate and consistent research results.

Application Notes

Optimal dilution of the VASP antibody should be determined by the researcher.

Immunogen

A peptide sequence specific to Vasodilator stimulated phosphoprotein was used as the immunogen for the VASP antibody.

Storage

After reconstitution, the VASP antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

