

Datasheet: AHP2701

Description:	RABBIT ANTI VASP (pSer157)
Specificity:	VASP (pSer157)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunoprecipitation	▪			1/50 - 1/100
Western Blotting	▪			1/500 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species Human

Product Form Purified IgG - liquid

Antiserum Preparation Antiserum to VASP (pSer157) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative 0.02% Sodium Azide
Stabilisers 50% Glycerol

Immunogen Phospho specific-peptide corresponding to residues surrounding serine 157 of human VASP

External Database Links

UniProt:

[P50552](#)

[Related reagents](#)

Entrez Gene:[7408](#) VASP [Related reagents](#)

Specificity **Rabbit anti VASP (pSer157) antibody** recognizes vasodilator-stimulated phosphoprotein (VASP), when phosphorylated at serine 157. VASP belongs to the Ena/VASP family and is associated with actin filaments and focal adhesions. It is involved in the remodeling of the actin cytoskeleton and platelet aggregation ([Machesky, L.M. 2000](#), [Krause, M. et al. 2003](#) & [Aszodi, A. et al. 1999](#)). In platelets VASP is phosphorylated on serine 157 by PKC and Rho kinases in response to thrombin ([Wentworth, J.K. et al. 2006](#)). Phosphorylation of VASP regulates its interaction with actin ([Harbeck, B. et al. 2000](#)). In smooth muscle cells, phosphorylation of VASP on serine 157 promotes proliferation ([Chen, L. et al. 2004](#)).

Storage Store at -20°C
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP2701>
10049

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE ANTI VASP \(VMA00326\)](#)[RABBIT ANTI VASP \(VPA00347\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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