

# Datasheet: AHP2701

**BATCH NUMBER 147424**

<b>Description:</b>	RABBIT ANTI VASP (pSer157)
<b>Specificity:</b>	VASP (pSer157)
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	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.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide 50% Glycerol
<b>Immunogen</b>	Phospho specific-peptide corresponding to residues surrounding serine 157 of human VASP

### External Database Links

#### UniProt:

[P50552](http://www.uniprot.org/entry/P50552)

[Related reagents](#)

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

<b>Specificity</b>	<b>Rabbit anti VASP (pSer157) antibody</b> 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 ( <a href="#">Machesky, L.M. 2000</a> , <a href="#">Krause, M. et al. 2003</a> & <a href="#">Aszodi, A. et al. 1999</a> ). In platelets VASP is phosphorylated on serine 157 by PKC and Rho kinases in response to thrombin ( <a href="#">Wentworth, J.K. et al. 2006</a> ). Phosphorylation of VASP regulates its interaction with actin ( <a href="#">Harbeck, B. et al. 2000</a> ). In smooth muscle cells, phosphorylation of VASP on serine 157 promotes proliferation ( <a href="#">Chen, L. et al. 2004</a> ).
<b>Storage</b>	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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10049 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP2701">https://www.bio-rad-antibodies.com/SDS/AHP2701</a> 10049
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Useful Reagents

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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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