

Datasheet: VPA00348

Description:	RABBIT ANTI WASP
Specificity:	WASP
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 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
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃).
Immunogen	KLH-conjugated synthetic peptide corresponding to aa 205-234 of human WASP

External Database Links

UniProt:

[P42768](#) [Related reagents](#)

Entrez Gene:

[7454](#) WAS [Related reagents](#)

Synonyms	IMD2
Specificity	<p>Rabbit anti Human WASP antibody recognizes WASP, also known as eczema-thrombocytopenia, thrombocytopenia 1 (X-linked) and wiskott-Aldrich syndrome protein.</p> <p>The Wiskott-Aldrich syndrome (WAS) family of proteins share similar domain structure, and are involved in transduction of signals from receptors on the cell surface to the actin cytoskeleton. The presence of a number of different motifs suggests that they are regulated by a number of different stimuli, and interact with multiple proteins. WAS proteins, directly or indirectly, associate with the small GTPase, Cdc42, known to regulate formation of actin filaments, and the cytoskeletal organizing complex, Arp2/3.</p> <p>Wiskott-Aldrich syndrome, due to mutations in the WAS gene, is a rare, inherited, X-linked, recessive disease characterized by immune dysregulation and microthrombocytopenia. The WAS gene product (WASP) is a cytoplasmic protein, expressed exclusively in hematopoietic cells, which show signaling and cytoskeletal abnormalities in WAS patients. A transcript variant arising as a result of alternative promoter usage, and containing a different 5' UTR sequence, has been described (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human WASP antibody detects a band of 60 kDa. Rabbit anti Human WASP antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti WASP detects a band of approximately 60 kDa in Ramos cell lysate.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	12 months from date of despatch.
Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00348</p> <p>Antibody (10040)</p>
Regulatory	For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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)

'M401344:220714'

