

Datasheet: VPA00254

BATCH NUMBER 151204

Description:	RABBIT ANTI COP9 SIGNALOSOME COMPLEX SUBUNIT 1
Specificity:	COP9 SIGNALOSOME COMPLEX SUBUNIT 1
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 between 141-170 amino acids from the central region of human COP9 signalosome complex subunit 1
External Database Links	UniProt: Q13098 Related reagents

Entrez Gene:[2873](#) [GPS1](#) [Related reagents](#)

Synonyms	COPS1, CSN1
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Specificity	<p>Rabbit anti Human COP9 signalosome complex subunit 1 antibody recognizes COP9 signalosome complex subunit 1, also known as GPS-1, JAB1-containing signalosome subunit 1, SGN1 and signalosome subunit 1.</p> <p>GPS1, the gene encoding COP9 signalosome complex subunit 1, is known to suppress G-protein and mitogen-activated signal transduction in mammalian cells. COP9 signalosome complex subunit 1 shares significant similarity with Arabidopsis FUS6, which is a regulator of light-mediated signal transduction in plant cells. Two alternatively spliced transcript variants encoding different isoforms have been found for GPS1 (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human COP9 signalosome complex subunit 1 antibody detects a band of 58 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
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Western Blotting	Anti COP9 signalosome complex subunit 1 detects a band of approximately 58 kDa in HEK293 cell lysates
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Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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Guarantee	12 months from date of despatch
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Acknowledgements	PrecisionAb is a trademark of Bio-Rad Laboratories.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/VPA00254 Antibody (10040)
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Regulatory	For research purposes only
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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 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

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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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