

## Datasheet: VPA00709

<b>Description:</b>	RABBIT ANTI PSMC2
<b>Specificity:</b>	PSMC2
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Rat <b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	0.09% Sodium Azide.
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml.

<b>Immunogen</b>	KLH conjugated partial synthetic peptide of human PSMC2 (amino acids 1 - 30)
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P35998</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">5701</a>    PSMC2    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	MSS1
<b>Specificity</b>	<p><b>Rabbit anti Human PSMC2 antibody</b> recognizes the 26S protease regulatory subunit 7, also known as 26S proteasome AAA-ATPase subunit RPT1, mammalian suppressor of sgv-1 of yeast, proteasome 26S subunit ATPase 2, proteasome 26S subunit, ATPase 2.</p> <p>The PSMC2 gene encodes one of the ATPase subunits of the 26S Proteasome, a member of the triple-A family of ATPases which have a chaperone-like activity. This subunit has been shown to interact with several of the basal transcription factors so, in addition to participation in proteasome functions, this subunit may participate in the regulation of transcription. This subunit may also compete with PSMC3 for binding to the HIV tat protein to regulate the interaction between the viral protein and the transcription complex. Alternative splicing results in multiple transcript variants encoding distinct isoforms (provided by RefSeq, Mar 2011).</p> <p>Rabbit anti Human PSMC2 antibody detects a band of 47 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Rabbit anti PSMC2 detects a band of approximately 47 kDa in Jurkat cell lysates.
<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
<b>Guarantee</b>	12 months from date of despatch.
<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/VPA00709">https://www.bio-rad-antibodies.com/SDS/VPA00709</a> Antibody (10040)
<b>Regulatory</b>	For research purposes only.

## Related Products

### Recommended Secondary Antibodies

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

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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://bio-rad-antibodies.com/datasheets)

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