

Datasheet: VPA00706

**BATCH NUMBER 161118**

<b>Description:</b>	RABBIT ANTI PPP2CA
<b>Specificity:</b>	PPP2CA
<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: Mouse, 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>	0.01% Thiomersal <50% Glycerol

<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing part of the C-terminal region of human PPP2CA
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P67775</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">5515</a>    PPP2CA    <a href="#">Related reagents</a></p>
<b>Specificity</b>	<p><b>Rabbit anti Human PPP2CA antibody</b> recognizes the serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform, also known as PP2C-alpha, protein phosphatase 2A catalytic subunit, alpha isoform, or replication protein C.</p> <p>The PPP2CA gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. PPP2CA encodes an alpha isoform of the catalytic subunit (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human PPP2CA antibody detects a band of 36 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
<b>Western Blotting</b>	Rabbit anti PPP2CA detects a band of approximately 36 kDa in HEK293 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>	<p>Material Safety Datasheet documentation #10097 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/VPA00706">https://www.bio-rad-antibodies.com/SDS/VPA00706</a>  Antibody (10097)</p>
<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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