

## Datasheet: VPA00506

<b>Description:</b>	RABBIT ANTI REG1A
<b>Specificity:</b>	REG1A
<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>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 (NaN <sub>3</sub> ) 2% Sucrose.
<b>Immunogen</b>	Synthetic peptide directed towards the C-terminal region of human REG1A
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P05451</a> <a href="#">Related reagents</a>  <b>Entrez Gene:</b>

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<b>Synonyms</b>	PSPS, PSPS1, REG
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<b>Specificity</b>	<p><b>Rabbit anti Human REG1A antibody</b> recognizes REG1A also known as Lithostathine-1-alpha, REG-1-alpha, islet cells regeneration factor, pancreatic thread protein, protein-X, regenerating islet-derived protein 1-alpha or regenerating protein I alpha.</p> <p>REG1A is a type I subclass member of the Reg gene family, a multigene family grouped into four subclasses, types I, II, III and IV, based on the primary structures of the encoded proteins. REG1A encodes a protein that is secreted by the exocrine pancreas. It is associated with islet cell regeneration and diabetogenesis and may be involved in pancreatic lithogenesis. Reg family members REG1B, REGL, PAP and REG1A are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication (provided by RefSeq, Jul 2008).</p> <p>Rabbit anti Human REG1A antibody detects a band of 14 kDa. The antibody has been extensively validated for western blotting using tissue and whole cell lysates.</p>
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<b>Western Blotting</b>	Anti REG1A detects a band of approximately 14 kDa in human pancreas tissue samples.
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<b>Storage</b>	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
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<b>Guarantee</b>	12 months from date of despatch
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<b>Acknowledgements</b>	PrecisionAb is a trademark of Bio-Rad Laboratories
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10045 available at: Antibody (10045): <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf</a>
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<b>Regulatory</b>	For research purposes only.
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## 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://www.bio-rad-antibodies.com/datasheets)  
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