

Datasheet: VPA00506

Description:	RABBIT ANTI REG1A
Specificity:	REG1A
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) 2% Sucrose.
Immunogen	Synthetic peptide directed towards the C-terminal region of human REG1A

External Database Links

UniProt:

[P05451](#)

[Related reagents](#)

Entrez Gene:

Synonyms	PSPS, PSPS1, REG
Specificity	<p>Rabbit anti Human REG1A antibody 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>
Western Blotting	Anti REG1A detects a band of approximately 14 kDa in human pancreas tissue samples.
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	Material Safety Datasheet documentation #10045 available at: https://www.bio-rad-antibodies.com/SDS/VPA00506 Antibody (10045)
Regulatory	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://www.bio-rad-antibodies.com/datasheets)

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