

**REG1B Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8946c****Specification**

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**REG1B Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P48304](#)

**REG1B Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 5968

**Other Names**

Lithostathine-1-beta, Pancreatic stone protein 2, PSP-2, Regenerating islet-derived protein 1-beta, REG-1-beta, Regenerating protein I beta, REG1B, PSPS2, REGL

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8946c](/products/AP8946c) was selected from the Center region of human REG1B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**REG1B Antibody (Center) Blocking Peptide - Protein Information**

**Name** REG1B

**Synonyms** PSPS2, REGL

**Function**

Might act as an inhibitor of spontaneous calcium carbonate precipitation. May be associated with neuronal sprouting in brain, and with brain and pancreas regeneration.

**Cellular Location**

Secreted.

**REG1B Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **REG1B Antibody (Center) Blocking Peptide - Images**

#### **REG1B Antibody (Center) Blocking Peptide - Background**

REG1B is a type I subclass member of the Reg gene family. The Reg gene family is a multigene family grouped into four subclasses, types I, II, III and IV based on the primary structures of the encoded proteins. This protein secreted by the exocrine pancreas that is highly similar to the REG1A protein. The related REG1A protein is associated with islet cell regeneration and diabetogenesis, and may be involved in pancreatic lithogenesis.

#### **REG1B Antibody (Center) Blocking Peptide - References**

Usami,S., et.al., Biochem. Biophys. Res. Commun. 392 (1), 4-8 (2010) Banchuin,N., et.al., Diabetes Res. Clin. Pract. 55 (2), 105-111 (2002)