

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

REG1B Antibody (Center) Blocking Peptide - Product InformationPrimary 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)