

Product datasheet for **TA334724**

REG1 beta (REG1B) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-REG1B antibody: synthetic peptide directed towards the N terminal of human REG1B. Synthetic peptide located within the following region: MAQTNSFFMLISSLMFLSLSQGQESQTELPNPRISCPEGTNAYRSYCYF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	regenerating family member 1 beta
Database Link:	NP_006498 Entrez Gene 5968 Human P48304



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Background:

REG1B might act as an inhibitor of spontaneous calcium carbonate precipitation. REG1B may be associated with neuronal sprouting in brain, and with brain and pancreas regeneration. This gene 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 gene encodes a 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. Reg family members REG1A, REGL, PAP and this gene are tandemly clustered on chromosome 2p12 and may have arisen from the same ancestral gene by gene duplication. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

PSPS2; REGH; REGI-BETA; REGL

Note:

Immunogen Sequence Homology: Human: 100%

Product images:


WB Suggested Anti-REG1B Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Transfected 293T