

RREB1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19046b**Specification**

RREB1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q92766](#)**RREB1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 6239**Other Names**

Ras-responsive element-binding protein 1, RREB-1, Finger protein in nuclear bodies, Raf-responsive zinc finger protein LZ321, Zinc finger motif enhancer-binding protein 1, Zep-1, RREB1, FINB

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.

RREB1 Antibody (C-term) Blocking Peptide - Protein Information**Name** RREB1**Synonyms** FINB**Function**

Transcription factor that binds specifically to the RAS- responsive elements (RRE) of gene promoters (PubMed: [9305772](http://www.uniprot.org/citations/9305772), PubMed: [15067362](http://www.uniprot.org/citations/15067362), PubMed: [8816445](http://www.uniprot.org/citations/8816445), PubMed: [10390538](http://www.uniprot.org/citations/10390538), PubMed: [17550981](http://www.uniprot.org/citations/17550981)). Represses the angiotensinogen gene (PubMed: [15067362](http://www.uniprot.org/citations/15067362)). Negatively regulates the transcriptional activity of AR (PubMed: [17550981](http://www.uniprot.org/citations/17550981)). Potentiates the transcriptional activity of NEUROD1 (PubMed: [12482979](http://www.uniprot.org/citations/12482979)). Promotes brown adipocyte differentiation (By similarity). May be involved in Ras/Raf-mediated cell differentiation by enhancing calcitonin expression (PubMed: [12482979](#)).

href="http://www.uniprot.org/citations/8816445" target="_blank">8816445).

Cellular Location

Nucleus speckle

Tissue Location

Expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas. Not found in the brain

RREB1 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RREB1 Antibody (C-term) Blocking Peptide - Images**RREB1 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a zinc fingertranscription factor that binds to RAS-responsive elements (RREs)of gene promoters. It has been shown that the calcitonin genepromoter contains an RRE and that the encoded protein binds thereand increases expression of calcitonin, which may be involved inRas/Raf-mediated cell differentiation. Multiple transcript variantsencoding several different isoforms have been found for this gene.

RREB1 Antibody (C-term) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Neale, B.M., et al. Proc. Natl. Acad. Sci. U.S.A. 107(16):7395-7400(2010)Milon, B.C., et al. Prostate 70(3):288-296(2010)Flajollet, S., et al. J. Immunol. 183(11):6948-6959(2009)Liu, H., et al. Biochem. J. 422(3):543-551(2009)