



RNH1 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP12438b

Specification

RNH1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession <u>P13489</u>

RNH1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 6050

Other Names

Ribonuclease inhibitor, Placental ribonuclease inhibitor, Placental RNase inhibitor, Ribonuclease/angiogenin inhibitor 1, RAI, RNH1, PRI, RNH

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.

RNH1 Antibody (C-term) Blocking peptide - Protein Information

Name RNH1

Synonyms PRI, RNH

Function

Ribonuclease inhibitor which inhibits RNASE1, RNASE2 and ANG. May play a role in redox homeostasis.

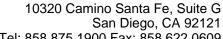
Cellular Location Cytoplasm.

RNH1 Antibody (C-term) Blocking peptide - Background

Placental ribonuclease inhibitor (PRI) is a member of afamily of proteinaceous cytoplasmic RNase inhibitors that occur inmany tissues and bind to both intracellular and extracellularRNases (summarized by Lee et al., 1988 [PubMed 3219362]). Inaddition to control of intracellular RNases, the inhibitor may have arole in the regulation of angiogenin (MIM 105850), Ribonucleaseinhibitor, of 50,000 Da. binds to ribonucleases and holds them in alatent form. Since neutral and alkaline ribonucleases probably playa critical role in the turnover of RNA in eukaryotic cells, RNH maybe essential for control of mRNA turnover; the interaction of eukaryotic cells with ribonuclease may be reversible invivo.

RNH1 Antibody (C-term) Blocking peptide - References

Martins-de-Souza, D., et al. J Psychiatr Res 44(14):989-991(2010)Martins-de-Souza, D., et al. J Neural Transm 116(3):275-289(2009)Turcotte, R.F., et al. Biochem. Biophys. Res. Commun. 377(2):512-514(2008)Johnson, R.J., et al. Biochemistry 46(45):13131-13140(2007)Johnson, R.J., et al. J. Mol. Biol. 368(2):434-449(2007)





Tel: 858.875.1900 Fax: 858.622.0609

RNH1 Antibody (C-term) Blocking peptide - Protocols

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

• Blocking Peptides