

RNH1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12438b**Specification****RNH1 Antibody (C-term) Blocking peptide -
Product Information**Primary Accession [P13489](#)**RNH1 Antibody (C-term) Blocking peptide -
Additional Information**

Gene ID 6050

Other NamesRibonuclease 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

FunctionRibonuclease 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 a family of proteinaceous cytoplasmic RNase inhibitors that occur in many tissues and bind to both intracellular and extracellular RNases (summarized by Lee et al., 1988 [PubMed 3219362]). In addition to control of intracellular RNases, the inhibitor may have a role in the regulation of angiogenin (MIM 105850). Ribonuclease inhibitor, of 50,000 Da, binds to ribonucleases and holds them in a latent form. Since neutral and alkaline ribonucleases probably play a critical role in the turnover of RNA in eukaryotic cells, RNH may be essential for control of mRNA turnover; the interaction of eukaryotic cells with ribonuclease may be reversible *in vivo*.

**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)

**RNH1 Antibody (C-term) Blocking peptide
- Protocols**

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

- [Blocking Peptides](#)