

CRHBP Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP7431b**Specification**

CRHBP Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [P24387](#)**CRHBP Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 1393**Other Names**

Corticotropin-releasing factor-binding protein, CRF-BP, CRF-binding protein, Corticotropin-releasing hormone-binding protein, CRH-BP, CRHBP, CRFBP

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP7431b](/products/AP7431b) was selected from the C-term region of human CRHBP. 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.

CRHBP Antibody (C-term) Blocking Peptide - Protein Information**Name** CRHBP**Synonyms** CRFBP**Function**

Binds CRF and inactivates it. May prevent inappropriate pituitary-adrenal stimulation in pregnancy.

Cellular Location

Secreted.

CRHBP Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CRHBP Antibody (C-term) Blocking Peptide - Images

CRHBP Antibody (C-term) Blocking Peptide - Background

Corticotropin-releasing hormone is a potent stimulator of synthesis and secretion of preopiomelanocortin-derived peptides. Although CRH concentrations in the human peripheral circulation are normally low, they increase throughout pregnancy and fall rapidly after parturition. Maternal plasma CRH probably originates from the placenta. Human plasma contains a CRH-binding protein (CRHBP) which inactivates CRH and which may prevent inappropriate pituitary-adrenal stimulation in pregnancy.

CRHBP Antibody (C-term) Blocking Peptide - References

Behan D.P., Potter E., Lewis K.A. Genomics 16:63-68(1993) Fischer W.H., Behan D.P., Park M.J. Biol. Chem. 269:4313-4316(1994)