

**CRHR2 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6787a****Specification**

---

**CRHR2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q13324](#)**CRHR2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1395**Other Names**

Corticotropin-releasing factor receptor 2, CRF-R-2, CRF-R2, CRFR-2, Corticotropin-releasing hormone receptor 2, CRH-R-2, CRH-R2, CRHR2, CRF2R, CRH2R

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6787a](/products/AP6787a) was selected from the N-term region of human CRHR2. 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.

**CRHR2 Antibody (N-term) Blocking Peptide - Protein Information****Name** CRHR2**Synonyms** CRF2R, CRH2R**Function**

G-protein coupled receptor for CRH (corticotropin-releasing factor), UCN (urocortin), UCN2 and UCN3. Has high affinity for UCN. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and down-stream effectors, such as adenylate cyclase. Promotes the activation of adenylate cyclase, leading to increased intracellular cAMP levels.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

## **CRHR2 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **CRHR2 Antibody (N-term) Blocking Peptide - Images**

## **CRHR2 Antibody (N-term) Blocking Peptide - Background**

CRHR2 is a receptor for corticotropin releasing factor. It shows high-affinity CRF binding. Also binds to urocortin I, II and III. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

## **CRHR2 Antibody (N-term) Blocking Peptide - References**

Yerges, L.M., et.al., J. Bone Miner. Res. (2009)