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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 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

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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)