

MC2R Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP5540b**Specification**

MC2R Antibody (C-term) Blocking peptide - Product Information

Primary Accession [Q01718](#)
Other Accession [NP_000520.1](#)

MC2R Antibody (C-term) Blocking peptide - Additional Information

Gene ID 4158

Other Names

Adrenocorticotrophic hormone receptor, ACTH receptor, ACTH-R, Adrenocorticotropin receptor, Melanocortin receptor 2, MC2-R, MC2R, ACTHR

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.

MC2R Antibody (C-term) Blocking peptide - Protein Information

Name MC2R

Synonyms ACTHR

Function

Receptor for corticotropin (ACTH). This receptor is mediated by G proteins (G(s)) which activate adenylate cyclase (cAMP).

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Melanocytes and corticoadrenal tissue.

MC2R Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MC2R Antibody (C-term) Blocking peptide - Images

MC2R Antibody (C-term) Blocking peptide - Background

MC2R encodes one member of the five-member G-protein associated melanocortin receptor family. Melanocortins (melanocyte-stimulating hormones and adrenocorticotrophic hormone) are peptides derived from pro-opiomelanocortin (POMC). MC2R is selectively activated by adrenocorticotrophic hormone, whereas the other four melanocortin receptors recognize a variety of melanocortin ligands.

MC2R Antibody (C-term) Blocking peptide - References

Holliday, K.L., et al. Ann. Rheum. Dis. 69(3):556-560(2010) Ding, Y.X., et al. Pharmacogenet. Genomics 20(2):71-76(2010) Roy, S., et al. Endocrinology 151(2):660-670(2010)