

MCHR1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10688b**Specification**

MCHR1 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q99705](#)**MCHR1 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 2847**Other Names**

Melanin-concentrating hormone receptor 1, MCH receptor 1, MCH-R1, MCHR-1, G-protein coupled receptor 24, MCH-1R, MCH1R, MCHR, SLC-1, Somatostatin receptor-like protein, MCHR1, GPR24, SLC1

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.

MCHR1 Antibody (C-term) Blocking peptide - Protein Information**Name** MCHR1 ([HGNC:4479](#))**Synonyms** GPR24, SLC1**Function**

Receptor for melanin-concentrating hormone, coupled to both G proteins that inhibit adenylyl cyclase and G proteins that activate phosphoinositide hydrolysis.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Highest level in brain, particularly in the frontal cortex and hypothalamus, lower levels in the liver and heart

MCHR1 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MCHR1 Antibody (C-term) Blocking peptide - Images

MCHR1 Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene, a member of the Gprotein-coupled receptor family 1, is an integral plasma membraneprotein which binds melanin-concentrating hormone. The encodedprotein can inhibit cAMP accumulation and stimulate intracellularcalcium flux, and is probably involved in the neuronal regulationof food consumption. Although structurally similar to somatostatinreceptors, this protein does not seem to bind somatostatin.

MCHR1 Antibody (C-term) Blocking peptide - References

Miyamoto-Matsubara, M., et al. Ann. N. Y. Acad. Sci. 1200, 112-119 (2010) :Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)Miller, C.L., et al. Schizophr. Res. 113 (2-3), 259-267 (2009) :Gavalas, N.G., et al. Exp. Dermatol. 18(5):454-463(2009)de Krom, M., et al. Biol. Psychiatry 65(7):625-630(2009)