

GPR83 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18225a**Specification**

GPR83 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9NYM4](#)**GPR83 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10888**Other Names**

Probable G-protein coupled receptor 83, G-protein coupled receptor 72, GPR83, GPR72, KIAA1540

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.

GPR83 Antibody (N-term) Blocking Peptide - Protein Information**Name** GPR83 ([HGNC:4523](#))**Function**

G-protein coupled receptor for PEN, a neuropeptide produced from the precursor protein, proSAAS (encoded by PCSK1N). Acts through a G(i)- and G(q)-alpha-alpha-mediated pathway in response to PEN (PubMed:27117253). Plays a role in food intake and body weight regulation. May contribute to the regulation of anxiety-related behaviors (By similarity).

Cellular LocationCell membrane {ECO:0000250|UniProtKB:P30731}; Multi-pass membrane protein.
Note=Colocalizes with GPR171 in the paraventricular nucleus. Colocalizes with the ghrelin receptor GHSR1A in the hypothalamus. {ECO:0000250|UniProtKB:P30731}**Tissue Location**

Highly expressed in the brain and spinal cord, and found in lower concentrations in the thymus and other tissues

GPR83 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GPR83 Antibody (N-term) Blocking Peptide - Images

GPR83 Antibody (N-term) Blocking Peptide - Background

GPR83 is an orphan receptor. Could be a neuropeptide Y receptor.

GPR83 Antibody (N-term) Blocking Peptide - References

Hansen, W., et al. Genes Immun. 11(4):357-361(2010)Lamesch, P., et al. Genomics 89(3):307-315(2007)Hansen, W., et al. J. Immunol. 177(1):209-215(2006)Parker, R., et al. Biochim. Biophys. Acta 1491 (1-3), 369-375 (2000) :De Moerlooze, L., et al. Cytogenet. Cell Genet. 90 (1-2), 146-150 (2000) :