

GALP Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP5033b**Specification**

GALP Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9UBC7](#)**GALP Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 85569**Other Names**

Galanin-like peptide, GALP

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.

GALP Antibody (C-term) Blocking Peptide - Protein Information**Name** GALP**Function**

[Isoform 1]: Hypothalamic neuropeptide which binds to the G- protein-coupled galanin receptors (GALR1, GALR2 and GALR3). Involved in a large number of putative physiological functions in CNS homeostatic processes, including the regulation of gonadotropin-releasing hormone secretion.

Cellular Location

Secreted.

Tissue Location

Isoform 2 is found in ganglia of ganglioneuroma and ganglioneuroblastoma, as well as in differentiated tumor cells of neuroblastoma tissues. Not found in undifferentiated neuroblasts. Isoform 2 is found in the skin, in pericytes covering microvascular arterioles and venules on their abluminal surfaces. In larger vessels, isoform 2 is expressed in layers of smooth muscle cells. Isoform 2 is not detected in endothelial cells.

GALP Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GALP Antibody (C-term) Blocking Peptide - Images

GALP Antibody (C-term) Blocking Peptide - Background

GALP encodes a member of the galanin family of neuropeptides. The encoded protein binds galanin receptors 1, 2 and 3 with the highest affinity for galanin receptor 3 and has been implicated in biological processes involving the central nervous system including hypothalamic regulation of metabolism and reproduction.

GALP Antibody (C-term) Blocking Peptide - References

Schjeide, B.M., et al. Neurogenetics 10(1):19-25(2009)Lang, R., et al. Pharmacol. Ther. 115(2):177-207(2007)Santic, R., et al. Proc. Natl. Acad. Sci. U.S.A. 104(24):10217-10222(2007)