

GAL Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11103c**Specification**

GAL Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P22466](#)**GAL Antibody (Center) Blocking peptide - Additional Information****Gene ID** 51083**Other Names**

Galanin peptides, Galanin, Galanin message-associated peptide, GMAP, GAL, GAL1, GALN, GLNN

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.

GAL Antibody (Center) Blocking peptide - Protein Information**Name** GAL**Synonyms** GAL1, GALN, GLNN**Function**

Endocrine hormone of the central and peripheral nervous systems that binds and activates the G protein-coupled receptors GALR1, GALR2, and GALR3. This small neuropeptide may regulate diverse physiologic functions including contraction of smooth muscle of the gastrointestinal and genitourinary tract, growth hormone and insulin release and adrenal secretion.

Cellular Location

Secreted

GAL Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GAL Antibody (Center) Blocking peptide - Images

GAL Antibody (Center) Blocking peptide - Background

Galanin is small neuropeptide that functions as a cellular messenger within the central and peripheral nervous systems, modulating diverse physiologic functions (Mechenthaler, 2008[PubMed 18500643]).

GAL Antibody (Center) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :Unschuld, P.G., et al. Neuropsychopharmacology 35(7):1583-1592(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)