

GALR1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9346c**Specification**

GALR1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P47211](#)**GALR1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 2587**Other Names**

Galanin receptor type 1, GAL1-R, GALR-1, GALR1, GALNR, GALNR1

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.

GALR1 Antibody (Center) Blocking Peptide - Protein Information**Name** GALR1**Synonyms** GALNR, GALNR1**Function**

Receptor for the hormone galanin. The activity of this receptor is mediated by G proteins that inhibit adenylate cyclase activity.

Cellular Location

Cell membrane; Multi-pass membrane protein

GALR1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GALR1 Antibody (Center) Blocking Peptide - Images**GALR1 Antibody (Center) Blocking Peptide - Background**

GALR1 elicits a range of biological effects by interaction with specific G-protein-coupled receptors. Galanin receptors are seven-transmembrane proteins shown to activate a variety of intracellular second-messenger pathways. GALR1 inhibits adenylyl cyclase via a G protein of the Gi/Go family. GALR1 is widely expressed in the brain and spinal cord, as well as in peripheral sites such as the small intestine and heart.

GALR1 Antibody (Center) Blocking Peptide - References

Borrito-Escuela,D.O. Biochem. Biophys. Res. Commun. 393 (4), 767-772 (2010)Gratacos,M. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816Marroni,F. Circ Cardiovasc Genet 2 (4), 322-328 (2009)