

GNG10 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13439a**Specification**

GNG10 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P50151](#)**GNG10 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 2790**Other Names**

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10, GNG10, GNGT10

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13439a was selected from the N-term region of GNG10. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

GNG10 Antibody (N-term) Blocking peptide - Protein Information**Name** GNG10**Synonyms** GNGT10**Function**

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. Interacts with beta-1 and beta-2, but not with beta-3.

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side

Tissue Location

Abundantly and ubiquitously expressed.

GNG10 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GNG10 Antibody (N-term) Blocking peptide - Images**GNG10 Antibody (N-term) Blocking peptide - Background**

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GNG10 Antibody (N-term) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Jiang, G., et al. Am. J. Physiol. Endocrinol. Metab. 284 (4), E671-E678 (2003) :Ray, K., et al. J. Biol. Chem. 270(37):21765-21771(1995)