

GNB4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19123c**Specification**

GNB4 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9HAV0](#)**GNB4 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 59345**Other Names**

Guanine nucleotide-binding protein subunit beta-4, Transducin beta chain 4, GNB4

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.

GNB4 Antibody (Center) Blocking Peptide - Protein Information**Name** GNB4**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.

Tissue Location

Strongly expressed in lung and placenta, whereas it is weakly expressed in brain and heart. Abundantly expressed in the axons and Schwann cells of peripheral nerves

GNB4 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GNB4 Antibody (Center) Blocking Peptide - Images**GNB4 Antibody (Center) Blocking Peptide - Background**

Heterotrimeric guanine nucleotide-binding proteins (Gproteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. This gene encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors.

GNB4 Antibody (Center) Blocking Peptide - References

Riemann, K., et al. Anticancer Res. 29(4):1271-1274(2009) Riemann, K., et al. Pharmacogenet. Genomics 18(11):999-1008(2008) Lamesch, P., et al. Genomics 89(3):307-315(2007) Roskopf, D., et al. FEBS Lett. 544 (1-3), 27-32 (2003) : Jiang, G., et al. Am. J. Physiol. Endocrinol. Metab. 284 (4), E671-E678 (2003) :