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GNB4 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP19123c

Specification

GNB4 Antibody (Center) Blocking Peptide - Product Information

Primary 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

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