10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GNB1 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP5036a

Specification

GNB1 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P62873

GNB1 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 2782

Other Names
Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1, Transducin beta chain 1, GNB1

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.

GNB1 Antibody (N-term) Blocking Peptide - Protein Information

Name GNB1 (HGNC:4396)

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.

GNB1 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

GNB1 Antibody (N-term) Blocking Peptide - Images

GNB1 Antibody (N-term) Blocking Peptide - Background

GNB1 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. This protein uses alternative polyadenylation signals.

GNB1 Antibody (N-term) Blocking Peptide - References

Ahmed, S.M., et al. J. Biol. Chem. 285(9):6538-6551(2010)Gutman, O., et al. J. Biol. Chem. 285(6):3905-3915(2010)Knezevic, N., et al. J. Exp. Med. 206(12):2761-2777(2009)