

GFRA1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9468c**Specification**

GFRA1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P56159](#)**GFRA1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 2674**Other Names**

GDNF family receptor alpha-1, GDNF receptor alpha-1, GDNFR-alpha-1, GFR-alpha-1, RET ligand 1, TGF-beta-related neurotrophic factor receptor 1, GFRA1, GDNFRA, RETL1, TRNR1

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.

GFRA1 Antibody (Center) Blocking Peptide - Protein Information**Name** GFRA1**Synonyms** GDNFRA, RETL1, TRNR1**Function**

Receptor for GDNF. Mediates the GDNF-induced autophosphorylation and activation of the RET receptor (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q62997}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q62997}. Golgi apparatus, trans-Golgi network {ECO:0000250|UniProtKB:Q62997}. Endosome {ECO:0000250|UniProtKB:Q62997}. Endosome, multivesicular body {ECO:0000250|UniProtKB:Q62997}. Note=Localizes mainly to the plasma membrane. In the presence of SORL1, shifts to vesicular structures, including trans-Golgi network, endosomes and multivesicular bodies {ECO:0000250|UniProtKB:Q62997}

GFRA1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GFRA1 Antibody (Center) Blocking Peptide - Images

GFRA1 Antibody (Center) Blocking Peptide - Background

Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor.

GFRA1 Antibody (Center) Blocking Peptide - References

??ouza, R.P., et al. J Psychiatr Res (2010) In press :??im, M.H., et al. Mol. Cell. Biol. 29(8):2264-2277(2009)??ini Prato, A., et al. Medicine (Baltimore) 88(2):83-90(2009)??arkash, V., et al. J. Biol. Chem. 283(50):35164-35172(2008)??ing, Z., et al. Am. J. Clin. Pathol. 130(6):892-896(2008)