

**GFRA3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16331c****Specification**

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**GFRA3 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [O60609](#)

**GFRA3 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 2676

**Other Names**

GDNF family receptor alpha-3, GDNF receptor alpha-3, GDNFR-alpha-3, GFR-alpha-3, GFRA3

**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.

**GFRA3 Antibody (Center) Blocking Peptide - Protein Information**

**Name** GFRA3

**Function**

Receptor for the glial cell line-derived neurotrophic factor, ARTN (artemin). Mediates the artemin-induced autophosphorylation and activation of the RET receptor tyrosine kinase.

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor.

**Tissue Location**

Widely expressed in adult and fetus which exhibit a similar pattern. Essentially not expressed in the central nervous system, but highly expressed in several sensory and sympathetic ganglia of the peripheral nervous system. Moderate expression in many non- neuronal tissues, particularly those of the digestive and urogenital systems, but high expression in stomach and appendix. Several types of glandular tissues show low expression. Very low or no expression detected in the hematopoietic system.

**GFRA3 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **GFRA3 Antibody (Center) Blocking Peptide - Images**

#### **GFRA3 Antibody (Center) Blocking Peptide - Background**

GFRA3 is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor and a member of the GDNF receptor family. It forms a signaling receptor complex with RET tyrosine kinase receptor and binds the ligand, artemin.

#### **GFRA3 Antibody (Center) Blocking Peptide - References**

Souza, R.P., et al. J Psychiatr Res 44(11):700-706(2010) Zhu, D.L., et al. Nan Fang Yi Ke Da Xue Xue Bao 29(3):428-432(2009) Wang, X., et al. Structure 14(6):1083-1092(2006) Yang, C., et al. J. Mol. Histol. 37 (1-2), 69-77 (2006) :Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)