

GFRAL Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11069b**Specification**

GFRAL Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O6UXV0](#)
Other Accession [NP_997293.2](#)

GFRAL Antibody (C-term) Blocking peptide - Additional Information

Gene ID 389400

Other Names

GDNF family receptor alpha-like, GFRAL, C6orf144

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.

GFRAL Antibody (C-term) Blocking peptide - Protein Information

Name GFRAL ([HGNC:32789](#))

Synonyms C6orf144

Function

Brainstem-restricted receptor for GDF15 which regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses (PubMed:28953886, PubMed:28846097, PubMed:28846098, PubMed:28846099). Upon interaction with its ligand, GDF15, interacts with RET and induces cellular signaling through activation of MAPK- and AKT- signaling pathways.

Cellular Location

Cell membrane; Single-pass membrane protein; Extracellular side

Tissue Location

Expressed in the brainstem, restricted to cells in the area postrema and the immediately adjacent region of the nucleus tractus solitarius (at protein level) (PubMed:28846097, PubMed:28846098).

Detected at low levels in testis and adipose tissue (PubMed:28846097).

GFRAL Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GFRAL Antibody (C-term) Blocking peptide - Images

GFRAL Antibody (C-term) Blocking peptide - References

Fellay, J., et al. PLoS Genet. 5 (12), E1000791 (2009) :Li, Z., et al. J. Neurochem.
95(2):361-376(2005)Mungall, A.J., et al. Nature 425(6960):805-811(2003)Clark, H.F., et al. Genome
Res. 13(10):2265-2270(2003)