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GFRAL Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15616

Specification

GFRAL Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q6UXV0
Other Accession	NM_207410, NP_997293
Reactivity	**Human, Rabbit, Pig, Bovine**
Predicted	**Human, Rabbit, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**43kDa KDa**

GFRAL Antibody - N-terminal region - Additional Information

Gene ID 389400

Alias Symbol **C6orf144, GRAL, UNQ9356, bA360D14.1**

Other Names
GDNF family receptor alpha-like, GFRAL, C6orf144

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-GFRAL antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
GFRAL Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GFRAL Antibody - N-terminal region - 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

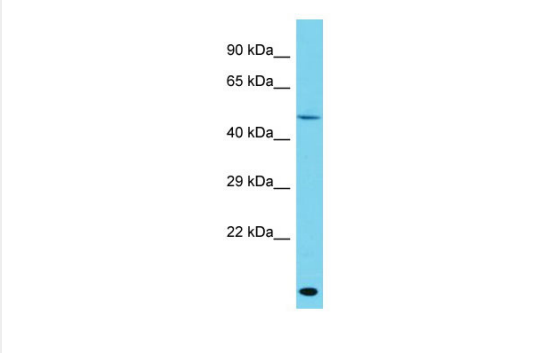
Tissue Location
Expressed in the brainstem, restricted to cells in the area postrema and the immediately adjacent region of the nucleus tractus solitarius (at protein level) (PubMed:28846097, PubMed:28846098). Detected at low levels in testis and adipose tissue (PubMed:28846097).

GFRAL Antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GFRAL Antibody - N-terminal region - Images



Host: Rabbit
Target Name: GFRAL
Sample Tissue: Hela Whole cell lysate
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Antibody Dilution: 1.0µg/ml

GFRAL Antibody - N-terminal region - References

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Mungall A.J.,et al.Nature 425:805-811(2003).
Sjoeblom T.,et al.Science 314:268-274(2006).