

Anti-GFRAL Reference Antibody (NGM120)
Recombinant Antibody
Catalog # APR10419**Specification**

Anti-GFRAL Reference Antibody (NGM120) - Product Information

Application	FC, E, FTA
Primary Accession	Q6UXV0
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145.7 KDa

Anti-GFRAL Reference Antibody (NGM120) - Additional Information**Target/Specificity**
GFRAL**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Storage**
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.**Anti-GFRAL Reference Antibody (NGM120) - 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

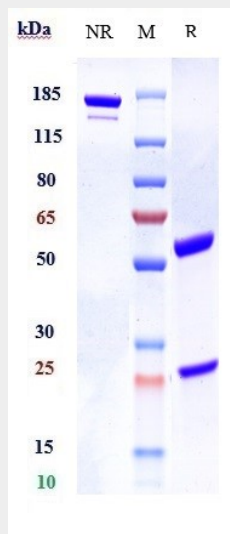
Expressed in the brainstem, restricted to cells in the area postrema and the immediately adjacent region of the nucleus tractus solitarius (at protein level) (PubMed:28846097, PubMed:28846098). Detected at low levels in testis and adipose tissue (PubMed:28846097).

Anti-GFRAL Reference Antibody (NGM120) - Protocols

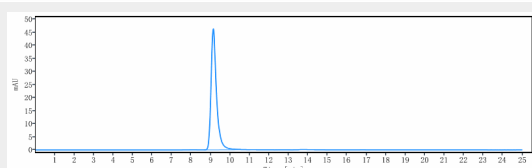
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GFRAL Reference Antibody (NGM120) - Images



Anti-GFRAL Reference Antibody (NGM120) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-GFRAL Reference Antibody (NGM120) is more than 100% ,determined by SEC-HPLC.