

MaxPab®

## GFRA2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002675-B01P

Size 500 ug

### Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse polyclonal antibody raised against a full-length human GFRA2 protein.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen                     | GFRA2 (ADZ15613.1, 1 a.a. ~ 464 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence                      | MILANVFCLFFFLDETLRSLASPSSLQGPELHGWRPPVDCVRANELCAAESNCSSRYRTLQCL<br>AGRDRNTMLANKECQAALEVLQESPLYDCRCKRGMKKELQCLQIWSIHLGLTEGEEFYEASPYE<br>PVTSLRSLDIFRLASIFSGTGADPVVSAKSNHCLDAAKACNLNDNCKKLRSSYSISCNREISPTERCN<br>RRKCHKALRQFFDRVPSEYTYRMLFCSCQDQACAERRRQTILPSCSYEDKEKPNCLDLRGVCRT<br>DHLCSRSLADFHANCRASYQTVTSCPADNYQACLGSYAGMIGFDMTPNYVDSSPTGIVVSPWCS<br>CRGSGNMEEECEKFLRDFTENPCLRNAIQAFNGTDVNVSPKGPSFQATQAPRVEKTPSLPDD<br>LSDSTSLGTSVITTCTSVQEQGLKANSKELSMCFTELTTNIIPGSNKVIKPNSGPSRARPSAALT<br>LSVLMLKLAL |
| Host                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Interspecies Antigen Sequence | Mouse (94); Rat (96)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Storage Buffer                | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                 |

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

## Gene Info — GFRA2

Entrez GeneID [2675](#)

GeneBank Accession# [JF432396.1](#)

Protein Accession# [ADZ15613.1](#)

Gene Name GFRA2

Gene Alias GDNFRB, NRTNR-ALPHA, NTNRA, RETL2, TRNR2

Gene Description GDNF family receptor alpha 2

Omim ID [601956](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. This encoded protein acts preferentially as a receptor for NTN compared to its other family member, GDNF family receptor alpha 1. This gene is a candidate gene for RET-associated diseases. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** GFR-alpha 2|PI-linked cell-surface accessory protein|RET ligand 2|TGF-beta related neurotrophic factor receptor 2|TRN receptor, GPI-anchored|glial cell line derived neurotrophic factor receptor, beta|glial cell line-derived neurotrophic factor family receptor

## Disease

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