# Elabscience®
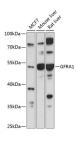
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## GFRA1 Polyclonal Antibody

| | | | |
|---|---|---|---|
| **Catalog No.** | E-AB-67514 | **Reactivity** | H,M,R |
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. | **Host** | Rabbit |
| **Applications** | WB | **Isotype** | IgG |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western blot analysis of extracts of various cell lines using GFRA1 Polyclonal Antibody at 1:1000 dilution.

### Immunogen Information

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|---|---|
| **Immunogen** | Recombinant fusion protein of human GFRA1 |
| **GeneID** | 2674 |
| **Swissprot** | P56159 |
| **Synonyms** | GFRA1,GDNFR,GDNFRA,GFR-ALPHA-1,RET1L,RETL1,TRNR1 |

### Product Information

| | |
|---|---|
| **Calculated MW** | 50kDa/51kDa |
| **Observed MW** | 51kDa |
| **Buffer** | PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| **Purify** | Affinity purification |
| **Dilution** | WB 1:500-1:2000 |

### Background

This gene encodes a member of the glial cell line-derived neurotrophic factor receptor (GDNFR) family of proteins. The encoded preproprotein is proteolytically processed to generate the mature receptor. 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. This receptor is a glycosylphosphatidylinositol (GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.