

## GFRA1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:**51kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human GFRA1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

GDNFR; RET1L; RETL1; TRNR1; GDNFRA; GFR-ALPHA-1;

**Catalog #:**A5373

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**2674

**Isotype:**IgG

**Swiss Prot:**P56159

**Purity:**Affinity purification

For research use only.

**Background:**

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 gene is a candidate gene for Hirschsprung disease. Multiple alternatively spliced transcript variants have been described for this gene.

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