

**GFR $\alpha$ -4 Polyclonal Antibody**

<b>Catalog No :</b>	YT1897
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	GFR $\alpha$ -4
<b>Gene Name :</b>	GFRA4
<b>Protein Name :</b>	GDNF family receptor alpha-4
<b>Human Gene Id :</b>	64096
<b>Human Swiss Prot No :</b>	Q9GZZ7
<b>Mouse Swiss Prot No :</b>	Q9JJT2
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human GFRA4. AA range:141-190
<b>Specificity :</b>	GFR $\alpha$ -4 Polyclonal Antibody detects endogenous levels of GFR $\alpha$ -4 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	30kD

**Background :** The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for persephin, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for RET-associated diseases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],

**Function :** alternative products:Additional isoforms seem to exist,function:Receptor for persephin. Mediates the GDNF-induced autophosphorylation and activation of the RET receptor. May be important in C-cell development and, in the postnatal development of the adrenal medulla.,similarity:Belongs to the GDNFR family.,tissue specificity:Predominantly expressed in the adult thyroid gland. Low levels also found in fetal adrenal and thyroid glands.,

**Subcellular Location :** [Isoform GFRalpha4a]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform GFRalpha4b]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform GFRalpha4c]: Secreted.

**Expression :** Predominantly expressed in the adult thyroid gland. Low levels also found in fetal adrenal and thyroid glands.

## Products Images

