

GFRa-4 Polyclonal Antibody

Catalog No: YT1897

Reactivity: Human; Rat; Mouse;

Applications: WB;ELISA

Target: GFRa-4

Gene Name: GFRA4

Protein Name: GDNF family receptor alpha-4

Q9GZZ7

Q9JJT2

Human Gene Id: 64096

Human Swiss Prot

No:

Mouse Swiss Prot

No:

Immunogen: The antiserum was produced against synthesized peptide derived from human

GFRA4. AA range:141-190

Specificity: GFRa-4 Polyclonal Antibody detects endogenous levels of GFRa-4 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 30kD

1/2



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.

Sort:

6562

No4:

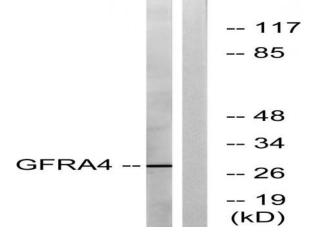
Host:

Rabbit

Modifications:

Unmodified

Products Images



Western blot analysis of lysates from HeLa cells, using GFRA4 Antibody. The lane on the right is blocked with the synthesized peptide.