



GFR α -4 Polyclonal Antibody

E20-71897**Catalog Number:**E20-71897**Amount:**100ul**Applications:**WB;ELISA**Reactivity:**Human;Mouse;Rat**Target:**GFR α -4**Gene Name:**GFRA4**Protein Name:**GDNF family receptor alpha-4**Human Gene Id:**64096**Human Swiss Prot No:**Q9GZZ7**Mouse Swiss Prot No:**Q9JJT2**Immunogen:**The antiserum was produced against synthesized peptide derived from human GFRA4. AA range:141-190**Specificity:**GFR α -4 Polyclonal Antibody detects endogenous levels of GFR α -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)**Other Name:**GFRA4;GDNF family receptor alpha-4;GDNF receptor alpha-4;GDNFR- alpha-4; GFR-alpha-4;Persephin receptor**Observed Band(KD):**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

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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.

