

GFRA2 Polyclonal Antibody

Catalog No :	YN2244
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	GFRA2
Gene Name :	GFRA2 GDNFRB RETL2 TRNR2
Protein Name :	GDNF family receptor alpha-2 (GDNF receptor alpha-2) (GDNFR-alpha-2) (GFR-alpha-2) (GDNF receptor beta) (GDNFR-beta) (Neurturin receptor alpha) (NRTNR-alpha) (NTNR-alpha) (RET ligand 2) (TGF-beta-rela
Human Gene Id :	2675
Human Swiss Prot No :	O00451
Mouse Swiss Prot No :	O08842
Immunogen :	Synthesized peptide derived from human protein . at AA range: 320-400
Specificity :	GFRA2 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
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 :	51kD

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 encoded protein acts preferentially as a receptor for NTN compared to its other family member, GDNF family receptor alpha 1. This gene is a candidate gene for RET-associated diseases. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009],
Function :	function:Receptor for neurturin. Mediates the NRTN-induced autophosphorylation and activation of the RET receptor. Also able to mediate GDNF signaling through the RET tyrosine kinase receptor.,similarity:Belongs to the GDNFR family.,tissue specificity:Isoform 1 is found in both brain and placenta.,
Subcellular Location :	Cell membrane ; Lipid-anchor, GPI-anchor .
Expression :	Isoform 1 is found in both brain and placenta.

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