

Summary

Production Name	GFR α -1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC-P,IF-P,IF-F,ICC/IF,WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GFRA1 GFRA1; GDNFRA; RETL1; TRNR1; GDNF family receptor alpha-1; GDNF receptor alpha-1;
Alternative Names	GDNFR-alpha-1; GFR-alpha-1; RET ligand 1; TGF-beta-related neurotrophic factor receptor 1
Gene ID	2674.0
SwissProt ID	P56159. The antiserum was produced against synthesized peptide derived from human GFR alpha-1. AA range:51-100

Application

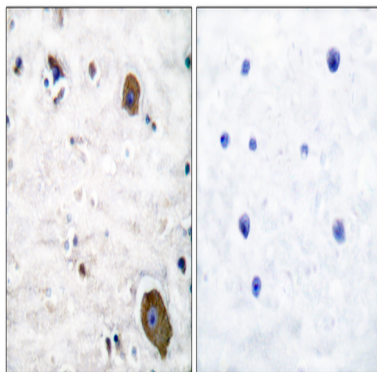
Dilution Ratio	WB 1:500-2000, IHC-P 1:100-1:300, ELISA 1:10000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	

Background

This gene encodes a member of the glial cell line-derived neurotrophic factor receptor (GDNFR) family of proteins. The encoded preproprotein is proteolytically processed to generate the mature receptor. 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. This receptor 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. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed. [provided by RefSeq, Jan 2016],function:Receptor for GDNF. Mediates the GDNF-induced autophosphorylation and activation of the RET receptor.,similarity:Belongs to the GDNFR family.,subunit:2 molecules of GDNFR-alpha are thought to form a complex with the disulfide-linked GDNF dimer and with 2 molecules of RET.,

Research Area

Image Data



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GFR alpha-1 Antibody. The picture on the right is blocked with the synthesized peptide.

Note

For research use only.