
GFR alpha 2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253307

Unit: 0.1 mg

Description:

Members of the glial cell line-derived neurotrophic factor (GDNF) family, including GDNF and neurturin (NTN) play key roles in the control of vertebrate neuron survival and differentiation. Physiological responses to NTN require the presence of a novel glycosylphosphatidylinositol linked protein NTN α , which is a cell surface receptor for NTN. The cDNAs encoding NTN α from human, rat, chicken, and mouse have been cloned recently. NTN α was also termed GDNFR β , Ret ligand 2 (RETL2) or TGF β -related neurotrophic factor receptor 2 (TrnR2) and nominated as GFR α -2 recently. GFR α -2 binds NTN and mediates activation of RET receptor tyrosine kinase by both NTN and GDNF. Thus, NTN, GFR α -2, and the Ret PTK form a complex to transduce NTN signal and to mediate NTN function.

Isotype: Rabbit Ig

Applications: E, WB, ICC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by DEAE chromatography.

Alternate Names: GFR α 2 ; GFR α -2; GDNFR β ; GDNFR β

Accession No.: AAC52036

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human GFR α 2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; ICC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.