
GFR alpha 3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253308

Unit: 0.1 mg

Description:

Members of the glial cell line-derived neurotrophic factor (GDNF) family, including GDNF and neurturin (NTN) play essential roles in the control of vertebrate neuron survival and differentiation. A new member of the GDNF family was recently identified and designated persephin. Physiological responses to these neurotrophic factors require two receptor subunits, the novel glycosylphosphatidylinositol linked protein GFRalpha and Ret receptor tyrosine kinase GFRbeta. Following the findings of GFRalpha-1 and -2, a novel receptor in GFRalpha family was identified very recently from human and mouse and designated GFRalpha-3. GFRalpha-3 binds persephin, thus, persephin, GFRalpha-3, and Ret PTK form a complex to transduce persephin signal and to mediate persephin function.

Isotype: Rabbit Ig

Applications: E, WB, IHC

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 alpha 3 ; GFRa-3; GDNFRg; GDNFRgamma

Accession No.: ab008833

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human GFR alpha 3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

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.