GFRA1 RABBIT PAB

Cat.#: S213567
Product Name: Anti-GFRA1 Rabbit Polyclonal Antibody
Synonyms: GDNFR; RETIL; RETL1; TRNR1; GDNFRA; GFR-ALPHA-1
UNIPROT ID: P56159 (Gene Accession - NP_005255)
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.
Immunogen: Synthetic peptide of human GFRA1
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Neuroscience
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

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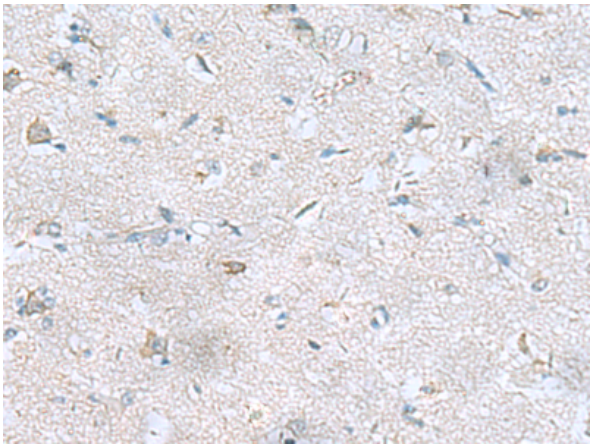
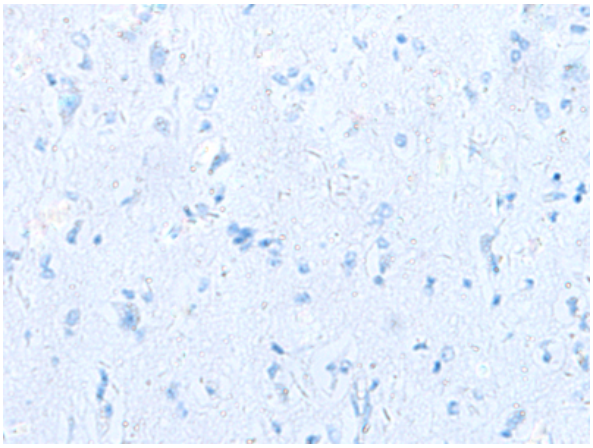
Product Description

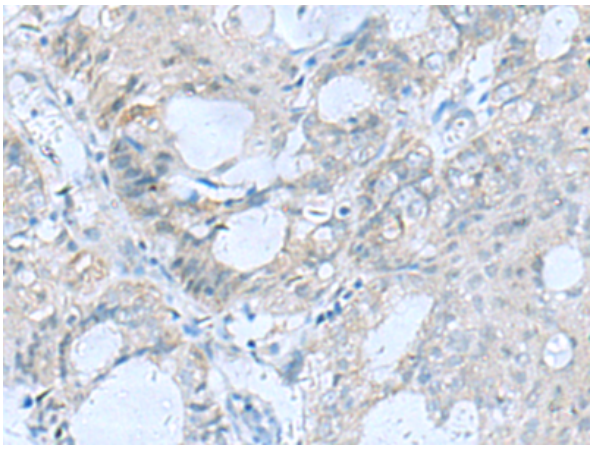
Pioneering GTPase and Oncogene Product Development since 2010



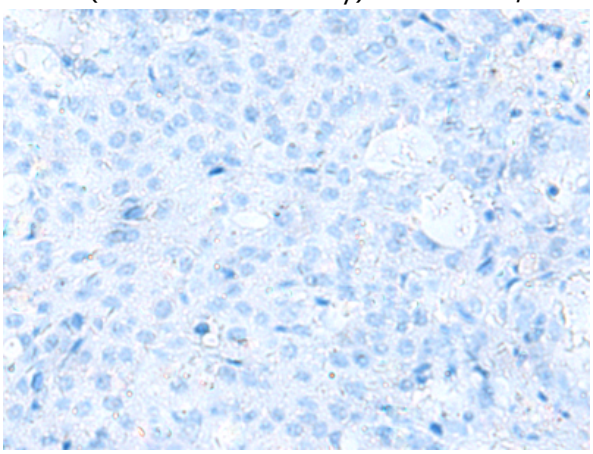
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 213567(GFRA1 Antibody) at a dilution of 1/65(Cytoplasm).



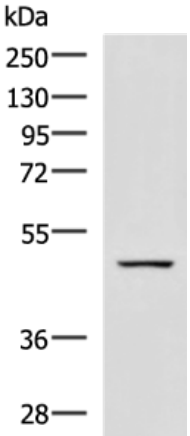
In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 213567(Anti-GFRA1 Antibody) at dilution 1/65.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 213567(Anti-GFRA1 Antibody) at a dilution of 1/65.



In comparision with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D160424(Anti-GFRA1 Antibody) at dilution 1/65.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: Rat brain tissue lysate;
Primary antibody: 213567(GFRA1 Antibody) at dilution 1/800;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 90 seconds

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