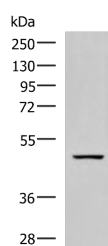


GFRA1 Polyclonal Antibody

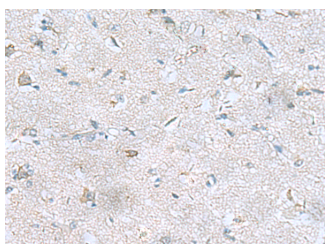
Catalog No.	E-AB-53255	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

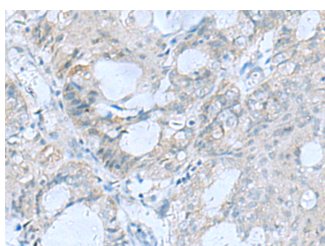
Images



Western blot analysis of Rat brain tissue lysate using GFRA1 Polyclonal Antibody at dilution of 1:800



Immunohistochemistry of paraffin-embedded Human brain tissue using GFRA1 Polyclonal Antibody at dilution of 1:65(x200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using GFRA1 Polyclonal Antibody at dilution of 1:65(x200)

Immunogen Information

Immunogen	Synthetic peptide of human GFRA1
Gene Accession	NP005255
Swissprot	P56159
Synonyms	GDNF R,GDNF RA,GDNF receptor alpha,RET 1L,RET ligand 1,RET1L,RETL1,TRNR 1,TRNR1

Product Information

Calculated MW	51 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000

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 gene is a candidate gene for Hirschsprung disease. Multiple alternatively spliced transcript variants have been described for this gene.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.