

Rabbit GDNF family receptor alpha-1 Polyclonal Antibody | anti-GFRA1 antibody

Anti-GFRA1 Antibody

CATALOG # AAA46071	HOST Rabbit	REACTIVITY Human. No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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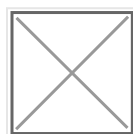
PRODUCT SYNONYMS

GDNF family receptor alpha-1; Polyclonal Antibody; Anti-GFRA1 Antibody; GDNF Family Receptor Alpha 1 antibody; GDNF R antibody; GDNF RA antibody; GDNF receptor alpha antibody; GDNFR alpha 1 antibody; GDNFR alpha antibody; GDNFR antibody; GDNFRA antibody; GDNFRalpha antibody; GFR alpha 1 antibody; GFR alpha1 antibody; GFR-ALPHA-1 antibody; GFRA 1 antibody; GFRA1 antibody; GFRalpha1 antibody; Glial Cell Line DERived Neurotrophic Factor Receptor Alpha antibody; Glial cell line-derived neurotrophic factor receptor alpha antibody; GPI linked anchor protein antibody; GPI-linked anchor protein antibody; MGC23045 antibody; PI linked cell surface accessory protein antibody; RET 1L antibody; RET ligand 1 antibody; RET1L antibody; RETL 1 antibody; RETL1 antibody; TGF beta related neurotrophic factor receptor 1 antibody; TGF-beta related neurotrophic factor receptor 1 antibody; TRNR 1 antibody; TRNR1 antibody; GDNF family receptor alpha 1; anti-GFRA1 antibody

PRODUCT SPECIFICATIONS

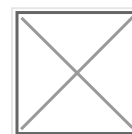
Host	Rabbit
Reactivity	Human. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	460
Applicable Applications for anti-GFRA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human GFRA1 recombinant protein (Position: D25-Q227). Human GFRA1 shares 97% amino acid (aa) sequence identity with both mouse and rat GFRA1.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Anti- GFRA1 antibody, AAA46071, Western blottingAll lanes: Anti GFRA1 (AAA46071) at 0.5ug/mlWB: Human Placenta Tissue Lysate at 50ugPredicted bind size: 51KDObserved bind size: 51KD



IHC (Immunohistochemistry)

Anti- GFRA1 antibody, AAA46071, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)

Anti- GFRA1 antibody, AAA46071, Western blottingAll lanes: Anti GFRA1 (AAA46071) at 0.5ug/mlWB: Recombinant Human GFRA1 Protein 0.5ngPredicted bind size: 39KDObserved bind size: 39KD

ADDITIONAL INFORMATION

Related Product Information for anti-GFRA1 antibody	Description: Rabbit IgG polyclonal antibody for GDNF family receptor alpha-1(GFRA1) detection. Tested with WB, IHC-P in Human. Background: GDNF family receptor alpha-1 (GFRalpha1), also known as the GDNF receptor or GFRA1, is a protein that in humans is encoded by the GFRA1 gene. It is mapped to chromosome 10q25.3. The protein encoded by this gene is a member of the GDNF receptor family. GFRA1 is released by neuronal cells, Schwann cells, and injured sciatic nerve. 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 also a candidate gene for Hirschsprung disease. Soluble GFRA1 mediates robust recruitment of RET to lipid rafts via a mechanism requiring the RET tyrosine kinase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224282178
NCBI GeneID	2674
NCBI Accession #	NP_001138925.1
NCBI GenBank Nucleotide #	NM_001145453.1
UniProt Accession #	P56159; O15507; O43912; A8KA21
Molecular Weight	50,838 Da
NCBI Official Full Name	GDNF family receptor alpha-1 isoform b preproprotein
NCBI Official Synonym Full Names	GDNF family receptor alpha 1
NCBI Official Symbol	GFRA1
NCBI Official Synonym Symbols	GDNFR; RET1L; RETL1; TRNR1; GDNFRA; GFR-ALPHA-1
NCBI Protein Information	GDNF family receptor alpha-1; RET ligand 1; GDNFR-alpha-1; GDNF receptor alpha-1; GPI-linked anchor protein; PI-linked cell-surface accessory protein; TGF-beta related neurotrophic factor receptor 1; TGF-beta-related neurotrophic factor receptor 1; Glial cell line-derived neurotrophic factor receptor alpha
UniProt Protein Name	GDNF family receptor alpha-1
UniProt Gene Name	GFRA1
UniProt Synonym Gene Names	GDNFRA; RETL1; TRNR1; GDNF receptor alpha-1; GDNFR-alpha-1; GFR-alpha-1
UniProt Entry Name	GFRA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gdnf-family-receptor-alpha-1-antibody-immunohistochemistry-western-blot-elisa/46071>