

Rabbit GFR alpha 2 Polyclonal Antibody | anti-GFRA2 antibody

GFR alpha 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40063	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

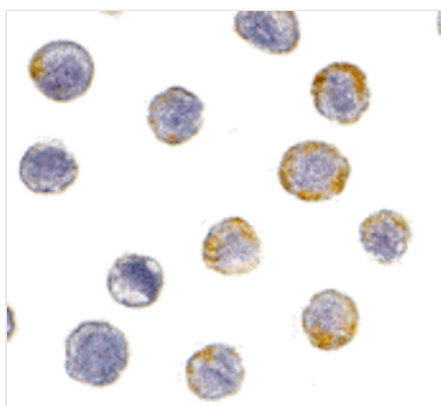
PRODUCT SYNONYMS

GFR alpha 2; Polyclonal Antibody; GFR alpha 2 Antibody; NTNRA; RETL2; TRNR2; GDNFRB; NRTNR-ALPHA; GDNF family receptor alpha-2; GDNF receptor beta; GDNF receptor alpha-2; GDNF family receptor alpha 2; anti-GFRA2 antibody

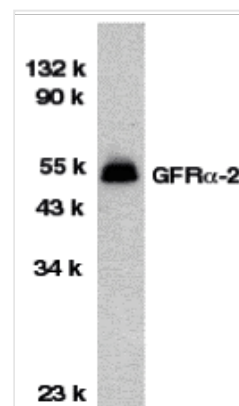
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	GFR alpha 2 Antibody is Antibody is DEAE purified.
Form/Format	Liquid
Sequence Length	464
Applicable Applications for anti-GFRA2 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	GFR alpha 2 antibody was raised against a 15 amino acid peptide near the center of human GFR alpha 2.
Buffer	GFR alpha 2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GFR alpha 2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


ICC (Immunocytochemistry)

Immunocytochemistry of GFR alpha 2 in HeLa cells with GFR alpha 2 antibody at 5 µg/mL.


WB (Western Blot)

Western blot analysis of GFR alpha 2 in HeLa total cell lysate with GFR alpha 2 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-GFRA2 antibody	GFR alpha 2 Antibody: 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 NTNRA, which is a cell surface receptor for NTN. The cDNAs encoding NTNRA from human, rat, chicken, and mouse have been cloned recently. NTNRA was also termed GDNFR?, Ret ligand 2 (RETL2) or TGFbeta-related neurotrophic factor receptor 2 (TrnR2) and nominated as GFR?-2 recently. GFR?-2 binds NTN and mediates activation of RET receptor tyrosine kinase by both NTN and GDNF. Thus, NTN, GFR?-2, and the Ret PTK form a complex to transduce NTN signal and to mediate NTN function.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2145080
NCBI GeneID	2675
UniProt Accession #	O00451; O15316; O15328; Q58J92; Q6GTR9; Q7Z5C2; E9PD47
Molecular Weight	52 kDa
NCBI Official Full Name	GDNF family receptor alpha 2
NCBI Official Synonym Full Names	GDNF family receptor alpha 2
NCBI Official Symbol	GFRA2
NCBI Official Synonym Symbols	NTNRA; RETL2; TRNR2; GDNFRB; NRTNR-ALPHA
NCBI Protein Information	GDNF family receptor alpha-2; GDNFR-beta; NTNR-alpha; GFR-alpha 2; RET ligand 2; GDNFR-alpha-2; GDNF receptor beta; neurturin receptor alpha; TRN receptor, GPI-anchored; PI-linked cell-surface accessory protein; TGF-beta-related neurotrophic factor receptor 2; glial cell line derived neurotrophic factor receptor, beta
UniProt Protein Name	GDNF family receptor alpha-2
UniProt Gene Name	GFRA2
UniProt Synonym Gene Names	GDNFRB; RETL2; TRNR2; GDNF receptor alpha-2; GDNFR-alpha-2; GFR-alpha-2; GDNFR-beta; NRTNR-alpha; NTNR-alpha
UniProt Entry Name	GFRA2_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/gfr-alpha-2-antibody-immunocytochemistry-western-blot-elisa/40063>