

Rabbit GFR ALPHA 2 Polyclonal Antibody | anti-GFR ALPHA 2 antibody

RABBIT ANTI GFR ALPHA 2

CATALOG # AAA49947	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
------------------------------	-----------------------	--	---

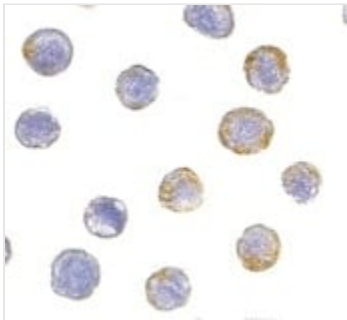
PRODUCT SYNONYMS

GFR ALPHA 2; Polyclonal Antibody; RABBIT ANTI GFR ALPHA 2; anti-GFR ALPHA 2 antibody

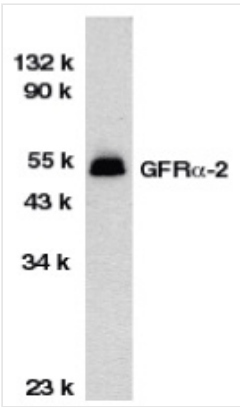
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises the cell surface receptor for neurturin, which was recently designated as GFR alpha-2. Neurturin is a member of the GDNF family, and has an important role in the control of vertebrate neuron survival and differentiation. GRF alpha-2 is a 52kD glycoprotein, and is a GPI-linked cell surface receptor.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-GFR ALPHA 2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide
Immunogen	Synthetic peptide from C-terminus of human GFR alpha-2 Buffer Solution
Antiserum Preparation	Antisera to human GFR alpha-2 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared by ion exchange chromatography.
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunocytochemical staining of HeLa cells with Rabbit anti Human GFR alpha 2 (AAA49947)



Application Data
Western blot analysis of HeLa total cell lysate probed with Rabbit anti Human GFR alpha 2 (AAA49947)

ADDITIONAL INFORMATION

Related Product Information for anti-GFR ALPHA 2 antibody	MBS221588 recognises the cell surface receptor for neurturin, which was recently designated as GFR alpha-2. Neurturin is a member of the GDNF family, and has an important role in the control of vertebrate neuron survival and differentiation. GRF alpha-2 is a 52kD glycoprotein, and is a GPI-linked cell surface receptor.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	259089450
NCBI GeneID	2675
NCBI Accession #	NP_001158510.1
NCBI GenBank Nucleotide #	NM_001165038.1
UniProt Accession #	O00451; O15316; O15328; Q58J92; Q6GTR9; Q7Z5C2; E9PD47
Molecular Weight	39,649 Da
NCBI Official Full Name	GDNF family receptor alpha-2 isoform b
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; GDNF receptor beta; GDNFR-alpha-2; GDNFR-beta; GFR-alpha 2; NTN- alpha; PI-linked cell-surface accessory protein; RET ligand 2; TGF-beta-related neurotrophic factor receptor 2; TRN receptor, GPI-anchored; glial cell line derived neurotrophic factor receptor, beta; neurturin receptor alpha
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; NTN- 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.