

Rabbit GFR alpha 3 Polyclonal Antibody | anti-GFR alpha 3 antibody

GFR alpha 3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305763	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

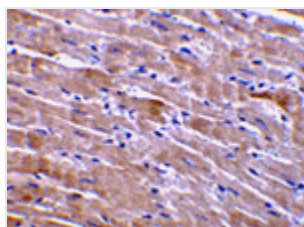
PRODUCT SYNONYMS

GFR alpha 3; Polyclonal Antibody; GFR alpha 3 Antibody; GFR α -3; GDNFRg; GDNFRgamma; anti-GFR alpha 3 antibody

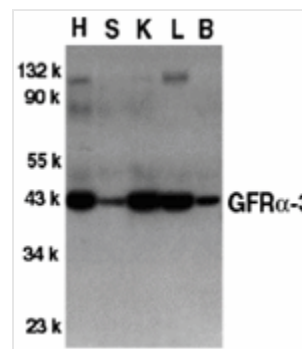
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	DEAE purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1867
Applicable Applications for anti-GFR alpha 3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids from 347 to 360 of murine GFR alpha 3.
Target Name	GFR alpha 3
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)
Immunohistochemistry of GFR alpha 3 in mouse heart tissue with GFR alpha 3 antibody at 10 ug/mL.



WB (Western Blot)
Western blot analysis of GFR alpha 3 in crude cell membrane fractions of mouse heart (H), spleen (S), kidney (K), liver (L), and brain (B), respectively, with GFR alpha 3 antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GFR alpha 3 antibody	Members of the glial cell line-derived neurotrophic factor (GDNF) family, including GDNF and neurturin (NTN) play essential roles in the control of vertebrate neuron survival and differentiation. A new member of the GDNF family was recently identified and designated persephin. Physiological responses to these neurotrophic factors require two receptor subunits, the novel glycosylphosphatidylinositol linked protein GFRa and Ret receptor tyrosine kinase GFRbeta. Following the findings of GFRa-1 and -2, a novel receptor in GFRa family was identified very recently from human and mouse and designated GFRa-3. GFRa-3 binds persephin, thus, persephin, GFRa-3, and Ret PTK form a complex to transduce persephin signal and to mediate persephin function.
Product Categories/Family for anti-GFR alpha 3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	2627159
Molecular Weight	44,307 Da
NCBI Official Full Name	Mus musculus mRNA for GFRalpha-3, complete cds
UniProt Protein Name	GDNF family receptor alpha-3
UniProt Gene Name	Gfra3
UniProt Synonym Gene Names	GDNF receptor alpha-3; GDNFR-alpha-3; GFR-alpha-3
UniProt Entry Name	GFRA3_MOUSE

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-3-antibody-immunohistochemistry-western-blot-elisa/305763>