

Rabbit GFR alpha 3 Polyclonal Antibody | anti-Gfra3 antibody

GFR alpha 3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40175	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

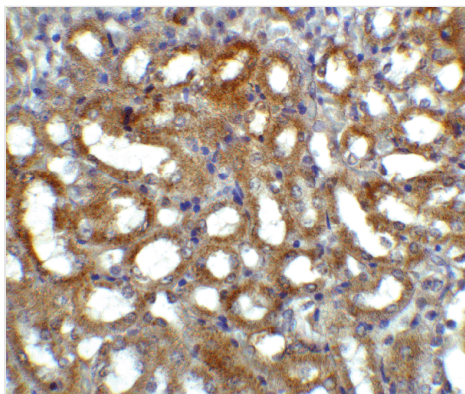
PRODUCT SYNONYMS

GFR alpha 3; Polyclonal Antibody; GFR alpha 3 Antibody; Y15110; GFRalpha3; GDNF family receptor alpha-3; GDNF receptor alpha-3; glial cell line derived neurotrophic factor family receptor alpha 3; anti-Gfra3 antibody

PRODUCT SPECIFICATIONS

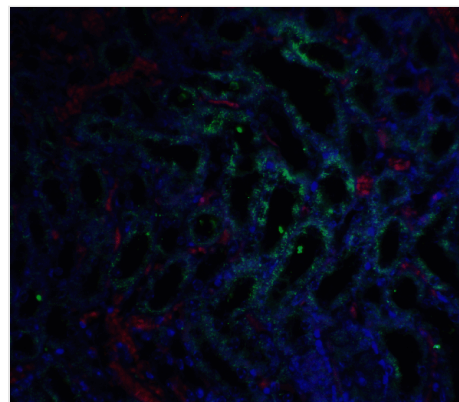
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	GFR alpha 3 Antibody is Antibody is DEAE purified.
Form/Format	Liquid
Sequence Length	1867
Applicable Applications for anti-Gfra3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	GFR alpha 3 antibody was raised against a 14 amino acid peptide near the center of murine GFR alpha 3.
Buffer	GFR alpha 3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	GFR alpha 3 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



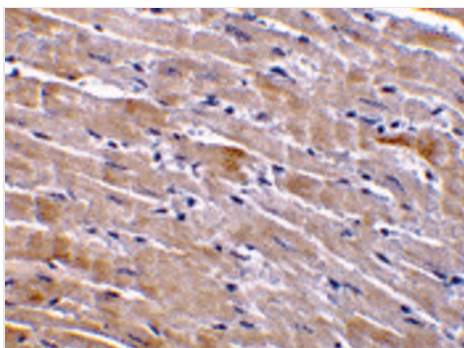
IHC (Immunohistochemistry)

Immunohistochemistry of GFR alpha 3 in mouse kidney tissue with GFR alpha 3 antibody at 5 µg/ml.



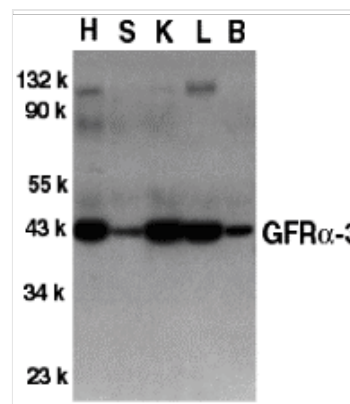
IF (Immunofluorescence)

Immunofluorescence of GFR alpha 3 in mouse kidney tissue with GFR alpha 3 antibody at 5 µg/ml. Green: GFR alpha 3 antibody (1137) Red: Phalloidin staining Blue: DAPI staining



IHC (Immunohistochemistry)

Immunohistochemistry of GFR alpha 3 in mouse heart tissue with GFR alpha 3 antibody at 10 µg/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 1.2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Gfra3 antibody

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 GFR? and Ret receptor tyrosine kinase GFRbeta. Following the findings of GFR?-1 and -2, a novel receptor in GFR? family was identified very recently from human and mouse and designated GFR?-3. GFR?-3 binds persephin, thus, persephin, GFR?-3, and Ret PTK form a complex to transduce persephin signal and to mediate persephin function.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2627159
NCBI GeneID	14587
UniProt Accession #	O35118; O35325; O55243; Q6NZC2; Q8C8L9
Molecular Weight	44,307 Da
NCBI Official Full Name	Mus musculus mRNA for GFRalpha-3, complete cds
NCBI Official Synonym Full Names	glial cell line derived neurotrophic factor family receptor alpha 3
NCBI Official Symbol	Gfra3
NCBI Official Synonym Symbols	Y15110; GFRalpha3
NCBI Protein Information	GDNF family receptor alpha-3; GFR alpha-3; GFR-alpha-3; GDNFR-alpha-3; GDNF receptor alpha-3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/gfr-alpha-3-antibody-immunohistochemistry-western-blot-elisa/40175>