

Rabbit GFR alpha 3 Polyclonal Antibody | anti-GFRA3 antibody

GFR alpha 3 Antibody

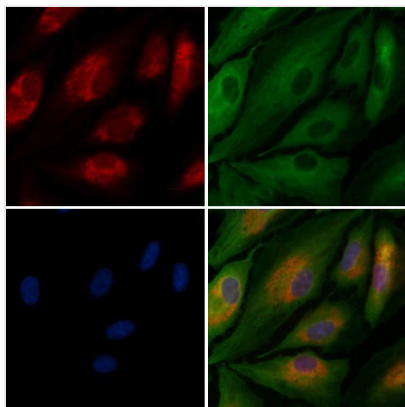
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328944	Rabbit	Human, Mouse, Rat Predicted Reactivity: Horse(100%), Rabbit(100%), Dog(100%)	ELISA

PRODUCT SYNONYMS

GFR alpha 3; Polyclonal Antibody; GFR alpha 3 Antibody; GDNF family receptor alpha 3; GDNF family receptor alpha-3; GDNF receptor alpha-3; GDNFR-alpha-3; GDNFR3; GFR-alpha-3; GFRA3; GFRA3_HUMAN; Glial cell line derived neurotrophic factor receptor alpha 3; GPI linked receptor; OTTHUMP00000159486; OTTHUMP00000224020; anti-GFRA3 antibody

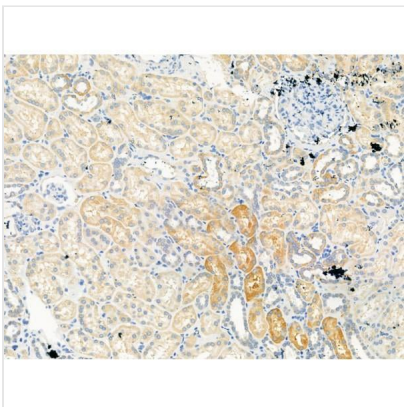
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Horse(100%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	GFR alpha 3 Antibody detects endogenous levels of total GFR alpha 3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	400
Applicable Applications for anti-GFRA3 antibody	ELISA
Immunogen	A synthesized peptide derived from human GFR alpha 3, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



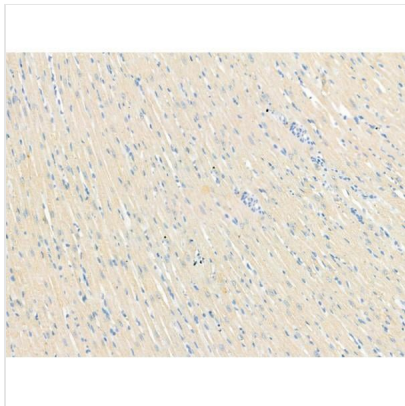
IF (Immunofluorescence)

AAA328944 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328944) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



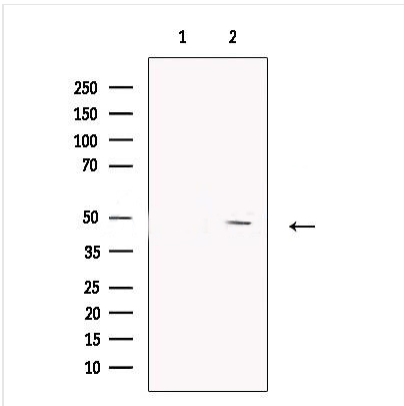
IHC (Immunohistochemistry)

AAA328944 at 1/100 staining Human kidney cancer and adjacent normal tissues by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA328944 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Mouse kidney, using GFR alpha 3 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GFRA3 antibody

Function: Receptor for the glial cell line-derived neurotrophic factor, ARTN (artemin). Mediates the artemin-induced autophosphorylation and activation of the RET receptor tyrosine kinase.

Post Translational Modifications: N-glycosylated.

Subcellular Location: Cell membrane>Lipid-anchor.

Tissue Specificity: Widely expressed in adult and fetus which exhibit a similar pattern. Essentially not expressed in the central nervous system, but highly expressed in several sensory and sympathetic ganglia of the peripheral nervous system. Moderate expression in many non-neuronal tissues, particularly those of the digestive and urogenital systems, but high expression in stomach and appendix. Several types of glandular tissues show low expression. Very low or no expression detected in the hematopoietic system.

Subunit Structure: Interacts with SORL1.

Similarity: Belongs to the GDNFR family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50403696
NCBI GeneID	2676
UniProt Accession #	O60609
Molecular Weight	Observed Molecular Weight: (Observed)44kD. Predicted Molecular Weight: (Calculated)45kDa.
NCBI Official Full Name	GNDF family receptor alpha-3
NCBI Official Synonym Full Names	GNDF family receptor alpha 3
NCBI Official Symbol	GFRA3
NCBI Official Synonym Symbols	GNFR3
NCBI Protein Information	GNDF family receptor alpha-3
UniProt Protein Name	GNDF family receptor alpha-3
UniProt Gene Name	GFRA3
UniProt Synonym Gene Names	GNDF receptor alpha-3; GDNFR-alpha-3; GFR-alpha-3
UniProt Entry Name	GFRA3_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-3-antibody-elisa/328944>