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GFRA3 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS11683

Specification

GFRA3 Antibody - Product Information

Application	**IHC**
Primary Accession	O60609
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**45kDa KDa**

GFRA3 Antibody - Additional Information

Gene ID 2676

Other Names
GDNF family receptor alpha-3, GDNF receptor alpha-3, GDNFR-alpha-3, GFR-alpha-3, GFRA3

Target/Specificity
peptide corresponding to amino acids from 347 to 360 of murine GFRa-3

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
GFRA3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GFRA3 Antibody - Protein Information

Name GFRA3

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.

Cellular Location
Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Location
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.

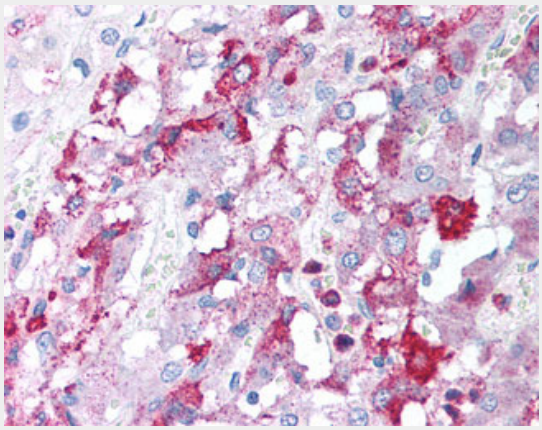
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GFRA3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GFRA3 Antibody - Images



Anti-GFRA3 antibody IHC of human adrenal.

GFRA3 Antibody - Background

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

GFRA3 Antibody - References

Baloh R.H.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:5801-5806(1998).
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Zhang Z.,et al.Protein Sci. 13:2819-2824(2004).