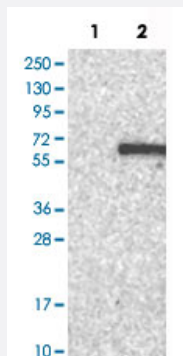


GFRA2 polyclonal antibody

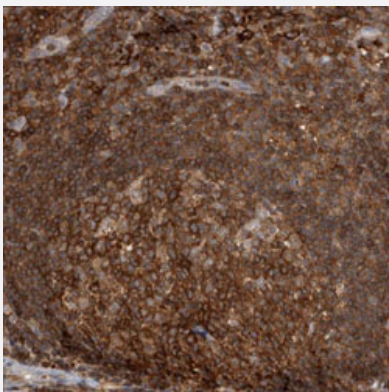
Catalog # PAB31587 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with GFRA2 polyclonal antibody (Cat # PAB31587).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymph node with GFRA2 polyclonal antibody (Cat # PAB31587) shows strong cytoplasmic positivity in reaction center cells and lymphoid cells outside reaction centra.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human GFRA2.
Immunogen	Recombinant protein corresponding to human GFRA2.
Sequence	SPSSLQGPELHGWRPPVDCVRANELCAAESNCSSRYRTLRLQCLAGRDRNTMLANKECQAALV LQESPLYDCR
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: negative control (vector only transfected HEK293T cell lysate) and Lane 2: over-expression lysate (co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells) with GFRA2 polyclonal antibody (Cat # PAB31587).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lymph node with GFRA2 polyclonal antibody (Cat # PAB31587) shows strong cytoplasmic positivity in reaction center cells and lymphoid cells outside reaction centra.

Gene Info — GFRA2

Entrez GeneID	2675
Protein Accession#	O00451
Gene Name	GFRA2
Gene Alias	GDNFRB, NRTNR-ALPHA, NTNRA, RETL2, TRNR2
Gene Description	GDNF family receptor alpha 2
Omim ID	601956
Gene Ontology	Hyperlink

Gene Summary

Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This encoded protein acts preferentially as a receptor for NTN compared to its other family member, GDNF family receptor alpha 1. This gene is a candidate gene for RET-associated diseases. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

GFR-alpha 2|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|glial cell line-derived neurotrophic factor family receptor

Disease

- [Carcinoma](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Nasal Polyps](#)
- [Psychiatric Status Rating Scales](#)
- [Psychometrics](#)
- [Schizophrenia](#)
- [Thyroid Neoplasms](#)