

For Research Use Only

GPR126 Recombinant antibody

Catalog Number: 81632-1-RR



Basic Information

| | | |
|---|---|---|
| Catalog Number: 81632-1-RR | GenBank Accession Number: BC075798 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 800 ug/ml by Nanodrop; | GeneID (NCBI): 57211 | CloneNo.: 6M2 |
| Source: Rabbit | UNIPROT ID: Q86SQ4 | Recommended Dilutions: IHC 1:50-1:500 |
| Isotype: IgG | Full Name: G protein-coupled receptor 126 | |
| Immunogen Catalog Number: AG12195 | Calculated MW: 1222 aa, 137 kDa | |

Applications

| | |
|--|---|
| Tested Applications: IHC, ELISA | Positive Controls: IHC : mouse kidney tissue, |
| Species Specificity: Human, mouse | |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

Background Information

GPR126 (G protein-coupled receptor 126) is a member of the adhesion GPCR family. GPR126 is all widely expressed on stromal cells (PMID: 25713288). It is essential for normal differentiation of promyelinating Schwann cells and for normal myelination of axons (PMID: 24227709). GPR126 regulates neural, cardiac and ear development by G-protein- and/or N-terminus-dependent signaling (PMID: 24082093, PMID: 24067352). GPR126 also stimulates VEGF signaling and angiogenesis by modulating VEGF receptor 2 expression through STAT5 and GATA2 in endothelial cells.

Storage

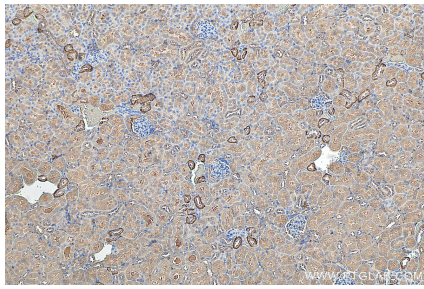
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

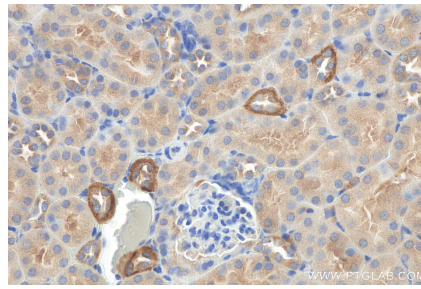
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 81632-1-RR (GPR126 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 81632-1-RR (GPR126 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).