

For Research Use Only

GPR126 Polyclonal antibody

Catalog Number: 17774-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 17774-1-AP	GenBank Accession Number: BC075798	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 ug/ml by Nanodrop;	GeneID (NCBI): 57211	Recommended Dilutions: IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q86SQ4	
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, mouse lung tissue
Cited Applications: WB, IHC	
Species Specificity: human, mouse, rat	
Cited Species: 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Wentao An	35394864	Proc Natl Acad Sci U S A	WB,IHC
Zhao Yang	39966628	Cell Res	WB

Storage

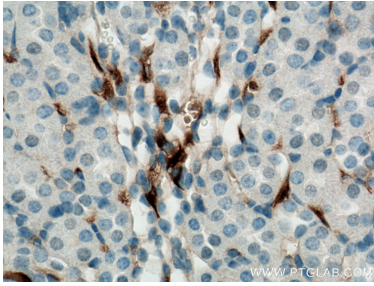
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

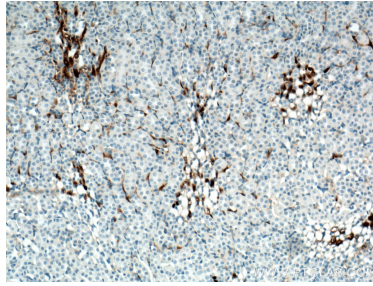
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

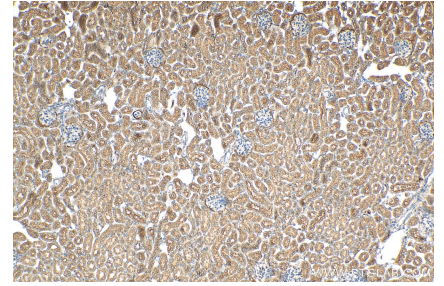
Selected Validation Data



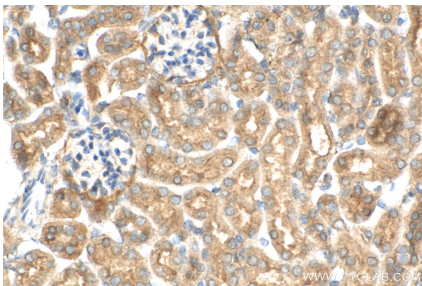
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 17774-1-AP (GPR126 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 17774-1-AP (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 17774-1-AP (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 17774-1-AP (GPR126 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).