

For Research Use Only

GPR126 Recombinant antibody, PBS Only



Catalog Number: 81632-1-PBS

Basic Information

Catalog Number: 81632-1-PBS	GenBank Accession Number: BC075798	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57211	CloneNo.: 6M2
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, Indirect ELISA

Species Specificity:
Human, mouse

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

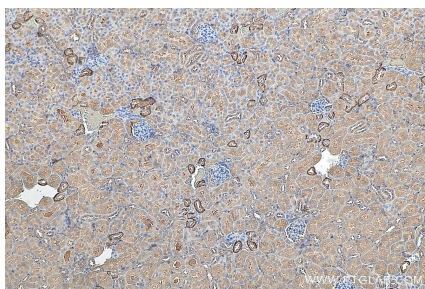
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

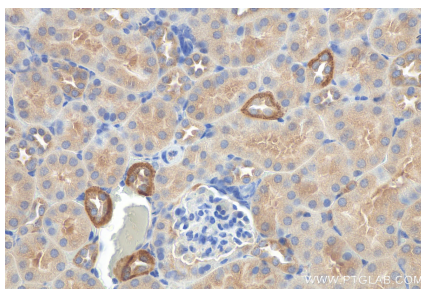
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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). This data was developed using the same antibody clone with 81632-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 81632-1-PBS in a different storage buffer formulation.