

For Research Use Only

GPR112 Polyclonal antibody, PBS Only

Catalog Number: 31781-1-PBS



Basic Information

Catalog Number: 31781-1-PBS	GenBank Accession Number: NM_153834	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 139378	
Source: Rabbit	UNIPROT ID: Q8IZF6	
Isotype: IgG	Full Name: G protein-coupled receptor 112	
Immunogen Catalog Number: AG36114	Calculated MW: 333kDa	

Applications

Tested Applications:
IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

GPR112 is a member of the adhesion G protein-coupled receptor (aGPCR) family. These receptors are characterized by a complex architecture and large size, mainly attributed to their N terminus, which contains a variety of domains involved in cell-cell and cell-matrix interactions. The function of GPR112 and other aGPCRs is closely related to key aspects of the development, architecture, and function of the nervous system. They are involved in neuronal migration, axon guidance, dendritogenesis, and synaptogenesis. Additionally, aGPCRs, including GPR112, have been implicated in the development of myelinating glial cells, which are crucial for proper neuronal signal propagation.

Storage

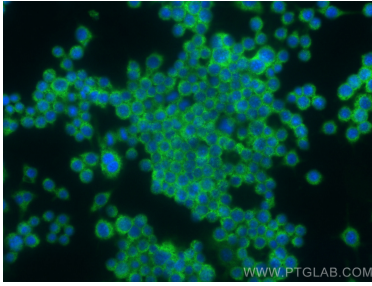
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

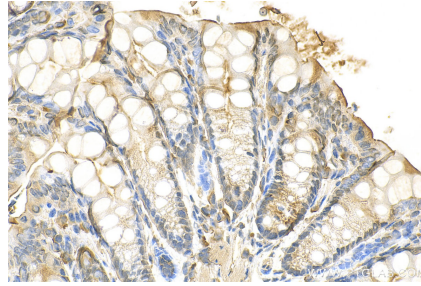
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

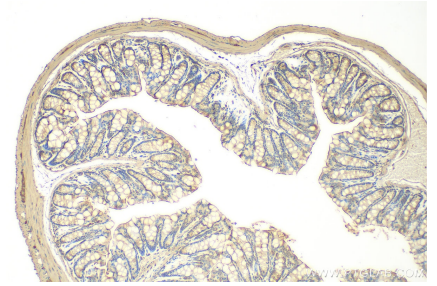
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed RAW 264.7 cells using GPR112 antibody (31781-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 31781-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 31781-1-AP (GPR112 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 31781-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 31781-1-AP (GPR112 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 31781-1-PBS in a different storage buffer formulation.