

For Research Use Only

GPR137B Polyclonal antibody

Catalog Number: 16496-1-AP **2 Publications**



Basic Information

Catalog Number: 16496-1-AP	GenBank Accession Number: BC012100	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 200 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7107	Recommended Dilutions: WB 1:100-1:600 IHC 1:50-1:500 IF 1:200-1:800
Source: Rabbit	Full Name: G protein-coupled receptor 137B	
Isotype: IgG	Calculated MW: 399 aa, 46 kDa	
Immunogen Catalog Number: AG9633	Observed MW: 48-50 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : human heart tissue, IHC : human kidney tissue, human liver cancer tissue IF : HUVEC cells,
Cited Applications: IF, WB	
Species Specificity: human	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Yunfei Hu	32482387	Biochem Biophys Res Commun	WB
K Urso	31173907	Bone	WB,IF

Storage

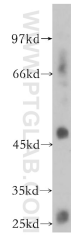
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

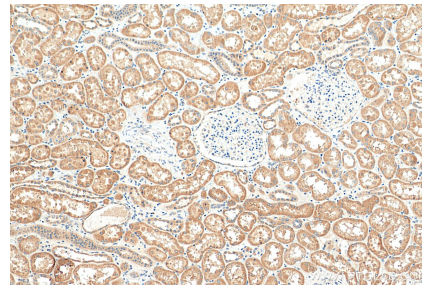
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

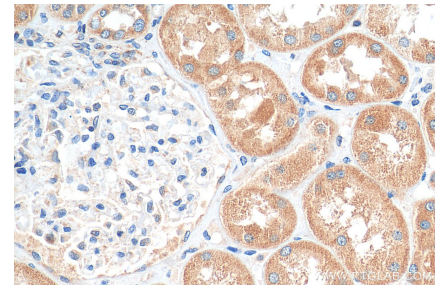
Selected Validation Data



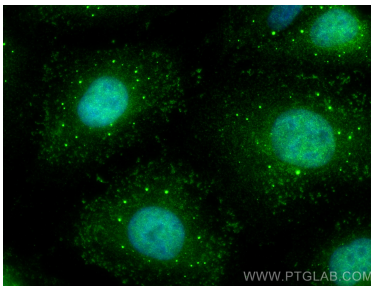
human heart tissue were subjected to SDS PAGE followed by western blot with 16496-1-AP (GPR137B antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 16496-1-AP (GPR137B 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 human kidney tissue slide using 16496-1-AP (GPR137B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HUVEC cells using GPR137B antibody (16496-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).