

For Research Use Only

PANX2 Polyclonal antibody

Catalog Number: 26604-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 26604-1-AP	GenBank Accession Number: BC101023	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 600 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56666	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: pannexin 2	
Isotype: IgG	Calculated MW: 677 aa, 74 kDa	
Immunogen Catalog Number: AG24256	Observed MW: 70 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: mouse lung tissue, mouse spleen tissue, PC-3 cells
Species Specificity: human, mouse	IHC: human skeletal muscle tissue, human kidney tissue
Cited Species: human	
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

Pannexins (Panx) are proteins homologous to the invertebrate gap junction proteins called innexins (Inx) and are traditionally described as transmembrane channels. Three distinct Panx paralogs (Panx1, Panx2 and Panx3) have been identified in vertebrates. Previous reports on Panx expression and functionality are focused primarily on Panx1 and Panx3 proteins. The exact function of Panx2 remains elusive. Catalog#26604-1-AP specially recognizes the 70 kDa Panx2.

Notable Publications

Author	Pubmed ID	Journal	Application
Yanxue Yao	32895173	Nan Fang Yi Ke Da Xue Xue Bao	WB

Storage

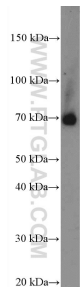
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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.

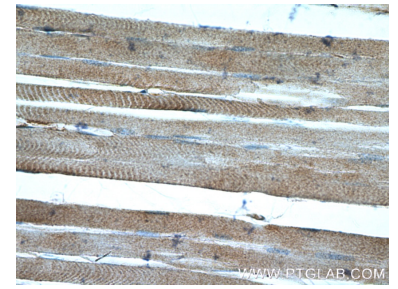
Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 26604-1-AP (PANX2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 26604-1-AP (PANX2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 26604-1-AP (PANX2 Antibody) at dilution of 1:200 (under 40x lens).