

For Research Use Only

PANX2 Polyclonal antibody

Catalog Number: 26604-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

26604-1-AP

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24256

GenBank Accession Number:

BC101023

GeneID (NCBI):

56666

UNIPROT ID:

Q96RD6

Full Name:

pannexin 2

Calculated MW:

677 aa, 74 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

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

Positive Controls:

WB : mouse lung tissue, mouse spleen tissue, PC-3 cells

IHC : human skeletal muscle tissue, human kidney tissue

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 |
| Ke Zhang | 39389335 | Exp 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

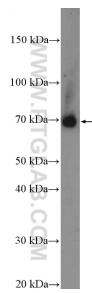
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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).