

PANX2 Antibody

PACO66004

Description

This PANX2 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	PACO66004
Contents:	PANX2 Antibody: 1 vial (50 µg) Bradford Reagent: 1 vial (2ml)
Category:	Neuroscience
Synonyms:	Pannexin-2, PANX2
Clone:	Polyclonal
Reactivity:	Human, Mouse, Rat
Applications:	ELISA, WB, IHC, IF
Form:	Liquid

Antibody Data

Immunogen:	Recombinant Human Pannexin-2 protein (370-470AA)
Immunogen Species:	Homo sapiens (Human)
Uniprot:	Q96RD6
Target:	PANX2
Host Species:	Rabbit
Isotype:	IgG

Purification: >95%, Protein G purified

Conjugated: Non-conjugated

Preparation & Storage

Storage: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Store Bradford Reagent at Room Temperature for 1 Year.

Storage Buffer: Preservative: 0.03% Proclin 300
Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

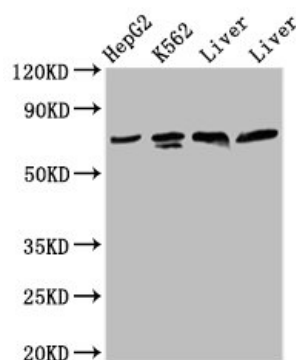
Shipping: [Insert]

Recommended Dilutions: WB: 1:500-1:5000
IHC: 1:200-1:500
IF: 1:50-1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.

Usage: For Research Use Only. Not for use in diagnostic or therapeutic procedures.

Validation Data



Western Blot

Positive WB detected in: HepG2 whole cell lysate, K562 whole cell lysate, Rat liver tissue, Mouse liver tissue

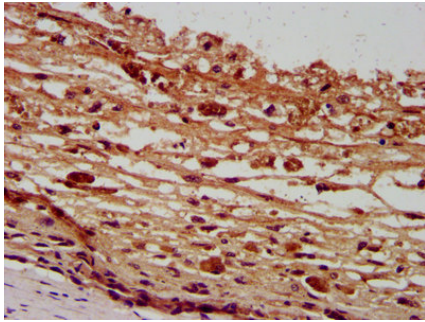
All lanes: PANX2 antibody at 4.2µg/ml

Secondary

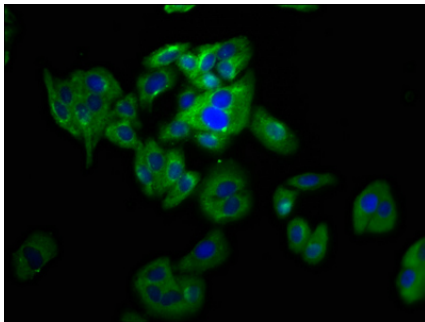
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 75, 71, 56 kDa

Observed band size: 75 kDa



IHC image of PACO66004 diluted at 1:400 and staining in paraffin-embedded human melanoma performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HepG2 cells with PACO66004 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.