

Rabbit PANX2 Polyclonal Antibody | anti-PANX2 antibody

PANX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234670	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

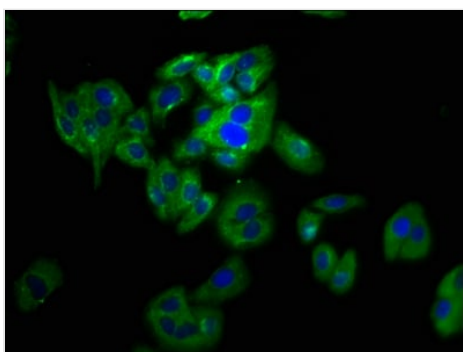
PRODUCT SYNONYMS

PANX2; Polyclonal Antibody; PANX2 Antibody; Pannexin-2; anti-PANX2 antibody

PRODUCT SPECIFICATIONS

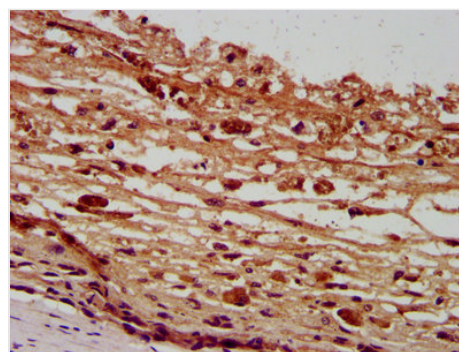
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	643
Applicable Applications for anti-PANX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Pannexin-2 protein (370-470AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



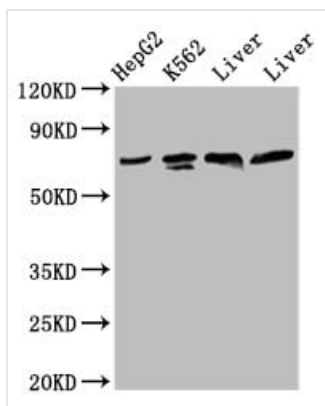
IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234670 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234670 diluted at 1:400 and staining in paraffin-embedded human melanoma cancer 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

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 4.2ug/ml
 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
 Predicted band size: 75, 71, 56 KDa
 Observed band size: 75 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PANX2 antibody	Structural component of the gap junctions and the hemichannels.
Product Categories/Family for anti-PANX2 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	237757297
NCBI GeneID	56666
NCBI Accession #	NP_001153772.1
NCBI GenBank Nucleotide #	NM_001160300.1
UniProt Accession #	Q96RD6; Q96RD5; Q9UGX8; B7Z684
Molecular Weight	55,733 Da
NCBI Official Full Name	pannexin-2 isoform 2
NCBI Official Synonym Full Names	pannexin 2
NCBI Official Symbol	PANX2
NCBI Official Synonym Symbols	PX2; hPANX2
NCBI Protein Information	pannexin-2
UniProt Protein Name	Pannexin-2
UniProt Gene Name	PANX2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/panx2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234670>