

Rabbit PANX2 Polyclonal Antibody | anti-PANX2 antibody

PANX2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199177	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Western Blot, Immunohistochemistry

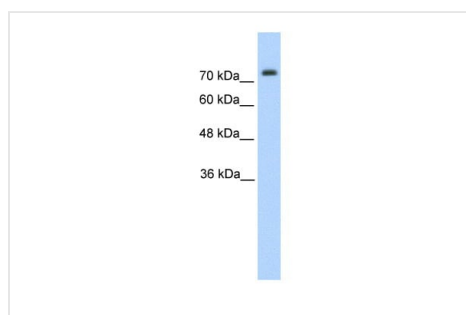
PRODUCT SYNONYMS

PANX2; Polyclonal Antibody; PANX2 antibody - N-terminal region; anti-PANX2 antibody

PRODUCT SPECIFICATIONS

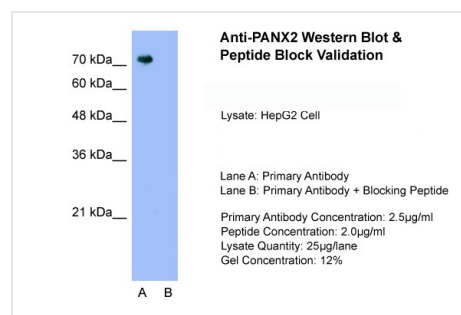
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GT VLVPIILLVTL VFTKNFAEEP IYCYTPHNFT RDQALYARGY CWTELRDA
Sequence Length	633
Applicable Applications for anti-PANX2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PANX2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



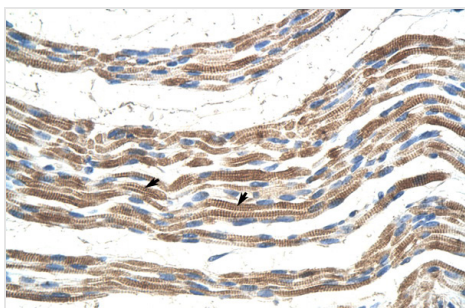
WB (Western Blot)

WB Suggested Anti-PANX2 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate



WB (Western Blot)

Host: Rabbit Target Name: PANX2 Sample Type: HepG2 Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 2.5ug/mL Peptide Concentration: 2.0ug/mL Lysate Quantity: 25ug/lane Gel Concentration: 12%



IHC (Immunohistochemistry)
Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-PANX2 antibody	This is a rabbit polyclonal antibody against PANX2. It was validated on Western Blot and immunohistochemistry Target Description: PANX2 belongs to the innexin family. Innexin family members are the structural components of gap junctions. This protein and pannexin 1 are abundantly expressed in central nerve system (CNS) and are coexpressed in various neuronal populations. Studies in <i>Xenopus</i> oocytes suggest that this protein alone and in combination with pannexin 1 may form cell type-specific gap junctions with distinct properties. The protein encoded by this gene belongs to the innexin family. Innexin family members are the structural components of gap junctions. This protein and pannexin 1 are abundantly expressed in central nerve system (CNS) and are coexpressed in various neuronal populations. Studies in <i>Xenopus</i> oocytes suggest that this protein alone and in combination with pannexin 1 may form cell type-specific gap junctions with distinct properties.
Product Categories/Family for anti-PANX2 antibody	Polyclonal; Membrane Protein; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	237757297
NCBI GeneID	56666
NCBI Accession #	NP_443071
NCBI GenBank Nucleotide #	NM_052839
UniProt Accession #	Q96RD6
Molecular Weight	70kDa
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.