

## PANX1 antibody

Catalog No: #39097

Package Size: #39097-1 50ul #39097-2 100ul

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## Description

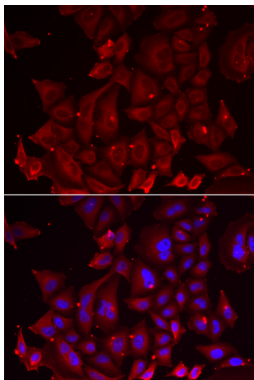
Product Name	PANX1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total PANX1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PANX1.
Target Name	PANX1
Other Names	PX1; MRS1; UNQ2529;
Accession No.	Swiss-Prot#: Q96RD7NCBI Gene ID: 24145
SDS-PAGE MW	48kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: □1:500 - 1:2000

Immunofluorescence: □1:50 - 1:100

## Images



Immunofluorescence analysis of U2OS cell using PANX1 antibody. Blue: DAPI for nuclear staining.

## Background

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 2 are abundantly expressed in central nerve system (CNS) and are coexpressed in various neuronal populations. Studies in *Xenopus* oocytes suggest that this protein alone and in combination with pannexin 2 may form cell type-specific gap junctions with distinct properties.

## Published Papers

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el at., Platelet pannexin-1 channels modulate neutrophil activation and migration but not the progression of abdominal aortic aneurysmsInFront Mol BiosciOn2023 Mar 6byLisa Maria Metz?1,?Tobias Feige? et al..PMID:36950521, , (2023)

[PMID:36950521](#)

el at., The role of the platelet pannexin 1 channel in thrombosis, hemostasis and the development of abdominal aortic aneurysmsInOnby et al..PMID:, , (2023)

[PMID:](#)

el at., Platelet pannexin-1 channels modulate inflammation during abdominal aortic aneurysm formation., , (2022)

[PMID:](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.