

Pannexin 1 Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Rat, Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide derived from the C-terminal region of the mouse Pannexin 1 protein (Accession# NP_062355), which is identical to rat and 92% homologous to human sequence.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage Conditions	-20°C
RRID	AB_2532255

Applications	Tested	Dilution	Published
Immunohistochemistry (IHC)	✓	2-4 µg/mL	2 Publications
Western Blot (WB)	✓	1-3 µg/mL	3 Publications
Immunohistochemistry (PFA fixed) (IHC (PFA))	-	1:100	1 Publication
Immunofluorescence (IF)	-		2 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	1:500	1 Publication

9 References

Immunohistochemistry (2)

Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism

Neuronal pannexin-1 channels are not molecular routes of water influx during spreading depolarization-induced dendritic beading.

"488100 was used in immunohistochemistry to study the spreading depolarization-induced dendritic beading where neuronal pannexin-1 channels are not molecular routes of water influx"

Authors: Sword J,Croom D,Wang PL,Thompson RJ,Kirov SA

Species
Not Applicable

Dilution
1:250

Year
2017

The Journal of neuroscience : the official journal of the Society for Neuroscience

Anoxia-induced NMDA receptor activation opens pannexin channels via Src family kinases.

"488100 was used in immunohistochemistry to identify mechanisms of Panx activation."

Authors: Weilinger NL,Tang PL,Thompson RJ

Species
Mouse

Dilution
1:1000

Year
2012

Western Blot (3)

The Journal of biological chemistry

Dual Oxidase 2 (Duox2) Regulates Pannexin 1-mediated ATP Release in Primary Human Airway Epithelial Cells via Changes in Intracellular pH and Not H2O2 Production.

"488100 was used in western blot to determine the role of Duox2 and how it regulates Pannexin 1-mediated ATP release in primary human airway epithelial cells via changes in intracellular pH and not H2O2 production"

Authors: Krick S,Wang J,St-Pierre M,Gonzalez C,Dahl G,Salathe M

Species
Not Applicable

Dilution
Not Cited

Year
2016

Channels (Austin, Tex.)

A critical role for pannexin-1 in activation of innate immune cells of the choroid plexus.

"488100 was used in immunocytochemistry and western blot to study pannexin-1 and its role in the activation of innate immune cells of the choroid plexus"

Authors: Maslieieva V,Thompson RJ

Species
Rat
Not Applicable

Dilution
1:100
1:1000

Year
2015

[View more WB references on thermofisher.com](#)

More applications with references on thermofisher.com

IHC (PFA) (1)

IF (2)

IHC (F) (1)

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