

PANX1 rabbit pAb

Catalog No :	YT8118
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	PANX1
Gene Name :	PANX1 MRS1 UNQ2529/PRO6028
Protein Name :	Pannexin-1
Human Gene Id :	24145
Human Swiss Prot No :	Q96RD7
Mouse Gene Id :	55991
Mouse Swiss Prot No :	Q9JIP4
Rat Gene Id :	315435
Rat Swiss Prot No :	P60570
Immunogen :	Synthesized peptide derived from human C-terminal PANX1
Specificity :	This antibody detects endogenous levels of PANX1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	<u>1 mg/ml</u>
Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Molecularweight :	<u>47kD</u>
Function :	<u>Structural component of the gap junctions and the hemichannels involved in the ATP release and nucleotide permeation . May play a role as a Ca(2+)-leak channel to regulate ER Ca(2+) homeostasis . Plays a critical role in oogenesis .</u>
Subcellular Location :	<u>Cell membrane ; Multi-pass membrane protein . Cell junction, gap junction . Endoplasmic reticulum membrane ; Multi-pass membrane protein .</u>
Expression :	<u>Widely expressed (PubMed:30918116). Highest expression is observed in oocytes and brain (PubMed:30918116). Detected at very low levels in sperm cells (PubMed:30918116).</u>

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