

**Pannexin-1 Rabbit mAb [5OS5]**

**Cat NO. :A23779**

**Information:**

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB	H,M,R	Q96RD7	45-55, 19 kDa	Rabbit	IgG	100ul,200ul

**Applications detail:**

Application	Dilution
WB	1:1000-2000
The optimal dilutions should be determined by the end user	

**Conjugate:**

UnConjugate

**Form:**

Liquid

**sensitivity:**

Endogenous

**Purification:**

Protein A purification

**Specificity:**

Antibody is produced by immunizing animals with a synthetic peptide at the sequence of Human Pannexin-1

**Storage buffer and conditions:**

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at -20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

**Tissue specificity:**

Widely expressed (PubMed:30918116). Highest expression is observed in oocytes and brain (PubMed:30918116).

Detected at very low levels in sperm cells (PubMed:30918116)..

**Subcellular location:**

Cell membrane,Multi-pass membrane protein. Cell junction, gap junction. Endoplasmic reticulum membrane,Multi-pass membrane protein.

**Function:**

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

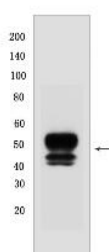
**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

**For Research Use Only. Not For Use In Diagnostic Procedures.**

Structural component of the gap junctions and the hemichannels involved in the ATP release and nucleotide permeation (PubMed:16908669, PubMed:20829356, PubMed:30918116). May play a role as a Ca(2+)-leak channel to regulate ER Ca(2+) homeostasis (PubMed:16908669). Plays a critical role in oogenesis (PubMed:30918116)..

## Validation Data:

### Pannexin-1 Rabbit mAb [5OS5] Images



Western blot ( SDS PAGE ) analysis of extracts from PANC-1 cells. Using Pannexin-1 Rabbit mAb [5OS5] at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.