

Pannexin 1 Rabbit mAb [2709]

Cat NO. :A34624

Information:

| Applications | Reactivity: | UniProt ID: | MW(kDa) | Host | Isotype | Size |
|--------------|-------------|-------------|---------|--------|---------|-------------|
| WB | H,M,R | Q96RD7 | 48 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 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

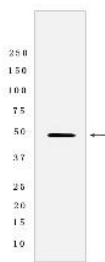
Cross Reactivity: **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

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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 [2709] Images



Western blot (SDS PAGE) analysis of extracts from Human fetal brain tissue lysate using Pannexin 1 Rabbit mAb [2709] at dilution of 1:1000 incubated at 4°C over

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.