



# PANX1 rabbit pAb

|                                    |                                                                                                                                                                                                                                          |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-17273                                                                                                                                                                                                                              |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                      |
| <b>Reactivity</b>                  | Human, Mouse,Rat                                                                                                                                                                                                                         |
| <b>Applications</b>                | IHC,WB                                                                                                                                                                                                                                   |
| <b>Gene Name</b>                   | PANX1 MRS1 UNQ2529/PRO6028                                                                                                                                                                                                               |
| <b>Immunogen</b>                   | Synthesized peptide derived from human C-ternal PANX1                                                                                                                                                                                    |
| <b>Specificity</b>                 | This antibody detects endogenous levels of PANX1 at Human, Mouse,Rat                                                                                                                                                                     |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                           |
| <b>Source</b>                      | Rabbit,polyclonal                                                                                                                                                                                                                        |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.                                                                                                                                |
| <b>Dilution</b>                    | WB 1:500-2000 IHC 1:50-200                                                                                                                                                                                                               |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                  |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                     |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                             |
| <b>Synonyms</b>                    | pannexin 1;OZEMA7;OOMD7;MRS1;Innexin;PANX1;PANX1 MRS1 UNQ2529/PRO6028;Pannexin-1                                                                                                                                                         |
| <b>Observed Band</b>               | 45-50 kDa, 90 kDa                                                                                                                                                                                                                        |
| <b>Calculated Molecular Weight</b> | 426 aa, 48 kDa                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                | Cell membrane ; Multi-pass membrane protein . Cell junction, gap junction . Endoplasmic reticulum membrane ; Multi-pass membrane protein .                                                                                               |
| <b>Tissue Specificity</b>          | Widely expressed (PubMed:30918116). Highest expression is observed in oocytes and brain (PubMed:30918116). Detected at very low levels in sperm cells (PubMed:30918116).                                                                 |
| <b>Function</b>                    | 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 . |
| <b>Background</b>                  |                                                                                                                                                                                                                                          |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                     |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**