

## Anti-JPH2 antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml164304  |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                      |
|---------------------|--------------------------------------|
| <b>Description</b>  | Anti-JPH2 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, IHC                           |
| <b>Immunogen</b>    | Synthetic peptide of human JPH2      |
| <b>Reactivity</b>   | Human                                |
| <b>Content</b>      | 1.08 mg/ml                           |
| <b>Host species</b> | Rabbit                               |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG        |
| <b>Purification</b> | Antigen affinity purification        |

### Target information

|                  |                  |
|------------------|------------------|
| <b>Symbol</b>    | JPH2             |
| <b>Full name</b> | junctophilin 2   |
| <b>Synonyms</b>  | JP2; JP-2; CMH17 |
| <b>Swissprot</b> | Q9BR39           |

### Target Background

Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface and intracellular ion channels. The protein encoded by this gene is a component of junctional complexes and is composed of a C-terminal hydrophobic segment spanning the endoplasmic/sarcoplasmic reticulum membrane and a remaining cytoplasmic domain that shows specific affinity for the plasma membrane. This gene is a member of the junctophilin gene family. Alternative splicing has been observed at this locus and two variants encoding distinct isoforms are described.

订购热线: 4008-898-798

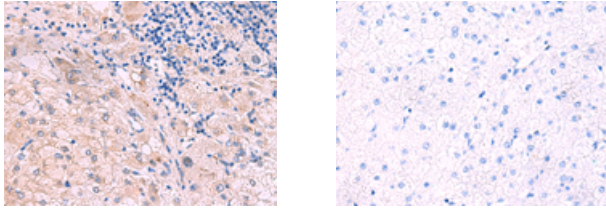
#### Applications

##### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml164304(JPH2 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

##### ELISA

Recommended dilution: 5000-10000

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