



Anti-JPH1 (aa 501-579) polyclonal antibody (DPAB-DC2528)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | 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. |
| Immunogen | JPH1 (NP_065698, 501 a.a. ~ 579 a.a) partial recombinant protein with GST tag. The sequence is VADEQVTAIVNKPLMSKAPTKEAGAVVPQSKYSGRHHIPNPSNGELHSQYHGYYVKLNAP QHPPVDVEDGDGSSQSSSA |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | JPH1 junctophilin 1 [Homo sapiens (human)] |
| Official Symbol | JPH1 |
| Synonyms | JPH1; junctophilin 1; JP1; JP-1; junctophilin-1; mitsugumin72; junctophilin type1; junctophilin type 1; |
| Entrez Gene ID | 56704 |
| Protein Refseq | NP_065698 |
| UniProt ID | Q7Z682 |
| Chromosome Location | 8q21 |
| Function | molecular_function; structural constituent of muscle; |