



JPH2 blocking peptide (CDBP5625)

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. Alternative splicing has been observed at this locus and two variants encoding distinct isoforms are described. [provided by RefSeq, Jul 2008] |
| Conjugate | Unconjugated |
| Applications | Used as a blocking peptide in immunoblotting applications. |
| Format | Liquid |
| Concentration | 200 µg/mL |
| Size | 0.05 mg |
| Preservative | None |
| Storage | -20°C |

GENE INFORMATION

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|------------------------|---|
| Gene Name | JPH2 junctophilin 2 [Homo sapiens (human)] |
| Official Symbol | JPH2 |
| Synonyms | JPH2; junctophilin 2; JP2; JP-2; CMH17; junctophilin-2; junctophilin type 2 |

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| Entrez Gene ID | 57158 |
| mRNA Refseq | NM_020433 |
| Protein Refseq | NP_065166 |
| UniProt ID | Q9BR39 |
| Function | calcium-release channel activity; phosphatidic acid binding; phosphatidylinositol-3,4,5-trisphosphate binding; phosphatidylinositol-3,5-bisphosphate binding; phosphatidylinositol-3-phosphate binding; phosphatidylinositol-4,5-bisphosphate binding; phosphatidylinositol-4-phosphate binding; phosphatidylinositol-5-phosphate binding; phosphatidylserine binding; protein binding |
