



Human JPH3 blocking peptide (CDBP1655)

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

PRODUCT INFORMATION

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| Product Overview | Blocking peptide for anti-JPH3 antibody |
| 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. CAG/CTG repeat expansions at the Huntington's disease (HD)-like 2 locus have been identified in this gene, which is a member of the junctophilin gene family. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Oct 2012] |
| Species | Human |
| Conjugate | Unconjugated |
| Applications | BL, WB |
| Format | Liquid |
| Concentration | 200 µg/ml |
| Size | 50 µg |
| Buffer | PBS containing 0.02% sodium azide |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at -20°C, stable for one year. |

GENE INFORMATION

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| Gene Name | JPH3 junctophilin 3 [Homo sapiens (human)] |
| Official Symbol | JPH3 |
| Synonyms | JPH3; junctophilin 3; JP3; HDL2; JP-3; TNRC22; CAGL237; junctophilin-3; junctophilin type 3; trinucleotide repeat containing 22; |
| Entrez Gene ID | 57338 |
| mRNA Refseq | NM_001271604.2 |
| Protein Refseq | NP_001258533.1 |
| UniProt ID | F8W9A3 |
| Chromosome Location | 16q24.3 |
| Function | calcium-release channel activity; molecular_function; |