



JPH3 blocking peptide (CDBP5626)

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

PRODUCT INFORMATION

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]
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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

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
Protein Refseq	NP_001258533
UniProt ID	Q8WXH2
Function	calcium-release channel activity; molecular_function