



JPH2 blocking peptide (CDBP5625)

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. 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

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

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