

Product datasheet for TA339208

Junctophilin 2 (JPH2) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies Applications: WB Recommended Dilution: WB **Reactivity:** Human Rabbit Host: Isotype: lgG Polyclonal **Clonality:** Immunogen: The immunogen for anti-JPH2 antibody: synthetic peptide directed towards the middle region of human IPH2. Synthetic peptide located within the following region: ANQESNIARTLARELAPDFYQPGPEYQKRRLLQEILENSESLLEPPDRGA Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers. Concentration: lot specific **Purification:** Protein A purified **Conjugation:** Unconjugated Storage: Store at -20°C as received. Stable for 12 months from date of receipt. Stability: Predicted Protein Size: 74 kDa Gene Name: junctophilin 2 Database Link: NP 065166 Entrez Gene 57158 Human Q9BR39



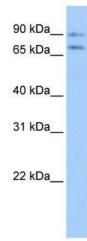
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	Junctophilin 2 (JPH2) Rabbit Polyclonal Antibody – TA339208
Background:	Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface and intracellular ion channels. JPH2 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. 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.
Synonyms:	CMH17; JP-2; JP2
Note:	lmmunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%
Protein Families:	Transmembrane
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Product images:



WB Suggested Anti-JPH2 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Muscle

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