

Datasheet for ABIN2783781

anti-Junctophilin 2 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Junctophilin 2 (JPH2)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Junctophilin 2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	QGKRHGLGIE TKGRWLYKGE WTHGFKGRYG IRQSTNSGAK YEGTWNNGLQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against Jph2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Junctophilin 2 (JPH2)
Alternative Name:	Jph2 (JPH2 Products)
Background:	Jph2 contributes to the stabilization of the junctional membrane complexes, which are

Target Details

common to excitable cells and mediate cross-talk between cell surface and intracellular ion channels. It probably acts by anchoring the plasma membrane and endoplasmic/sarcoplasmic reticulum. Contributes to the construction of skeletal muscle triad junctions, and plays an essential role in heart development.

Alias Symbols: 1110002E14Rik, JP-2, Jp2

Protein Interaction Partner: Htt,

Protein Size: 696

Molecular Weight: 75 kDa

Gene ID: 59091

NCBI Accession: [NM_021566](#), [NP_067541](#)

UniProt: [Q9ET78](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 696 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-Jph2 Antibody Titration: 1.0 ug/ml Positive Control: Mouse Pancreas