

Datasheet for ABIN389172

anti-Junctophilin 3 antibody (AA 549-578)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	Junctophilin 3 (JPH3)
Binding Specificity:	AA 549-578
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Junctophilin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Junctophilin 3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 549-578 amino acids from the Central region of human Junctophilin 3.
Clone:	RB9251
Isotype:	Ig Fraction
Predicted Reactivity:	H
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	Junctophilin 3 (JPH3)
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Target Details

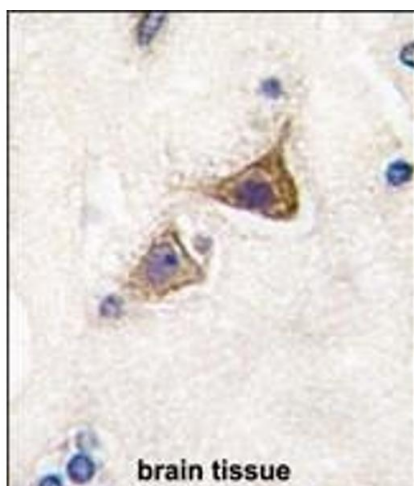
Alternative Name:	Junctophilin 3 (JPH3 Products)
Background:	Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface and intracellular ion channels. Junctophilin 3 is a component 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.
Molecular Weight:	81229
Gene ID:	57340
NCBI Accession:	NP_065630
UniProt:	Q9ET77

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

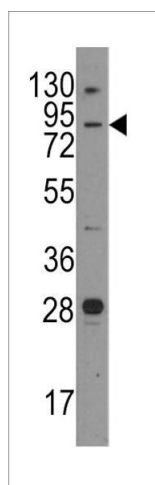
Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human brain tissue reacted with Junctionophilin 3 Antibody (Center) (ABIN389172 and ABIN2839337), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of anti-Junctionophilin 3 Pab (ABIN389172 and ABIN2839337) in mouse brain tissue lysates (35 µg/lane). Junctionophilin 3 (arrow) was detected using the purified Pab.