

Datasheet for ABIN1112815
anti-Junctophilin 2 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	Junctophilin 2 (JPH2)
Reactivity:	Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Junctophilin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to the region of human JPH-2.
Clone:	D5-3
Isotype:	IgG1

Target Details

Target:	Junctophilin 2 (JPH2)
Alternative Name:	Junctophilin-2, JPH-2 (JPH2 Products)
Background:	Junctophilin 2, also known as JPH2, is a member of the junctophilin gene family (the other members of the family are JPH1, JPH3, and JPH4), located between the plasma membrane (PM) and endoplasmic/sarcoplasmic reticulum (ER/SR). It is the predominant isoform in cardiac tissue, and also expressed with JPH1 in skeletal muscle. JPH2 has been shown to be downregulated in several animal models of heart failure.

Application Details

Application Notes: WB (1:500-1000), ICC (1:50-100). Other applications have not been tested. The optimal dilutions should be determined by end user.

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	TBS (pH7.4), 0.5% BSA, 40% Glycerol and 0.05% Sodium Azide.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C after thawing (1 week). Aliquot and store at -20 °C for long term (at least one year). Avoid repeated freeze and thaw cycles.
Expiry Date:	12 months

Images

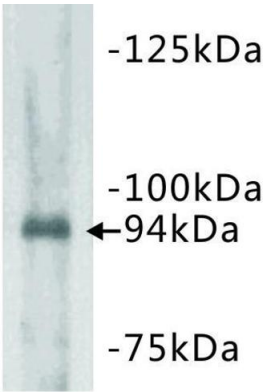


Image 1.

WB: mouse heart tissue lysate