

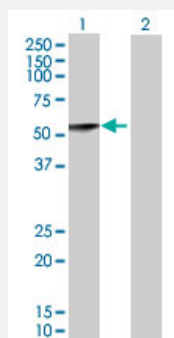
MaxPab®

CASQ2 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000845-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CASQ2 expression in transfected 293T cell line ([H00000845-T01](#)) by CASQ2 MaxPab polyclonal antibody.

Lane 1: CASQ2 transfected lysate(43.89 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CASQ2 protein.

Immunogen

CASQ2 (NP_001223.2, 1 a.a. ~ 399 a.a) full-length human protein.

Sequence

MKRTHLFIVGMYFLSSCRAEEGLNFPTYDGKDRVVSLSEKNFKQVLKKYDLLCLYYHEPVSSDKVT
QKQFQLKEVLELVAQVLEHKAIGFVMVDAKKEAKLAKKLGFDEEGSLYLKGDRTIEFDGEFAAD
VLVEFLDLIEDPVEIISSKLEVQAFERIEDYKLGFFKSEDSEYYKAFEEAAEHFQPYKFFATFDKG
VAKKLSLKMNEVDFYEPFMDEPIAIPNKPYTEELVEFVKEHQRPTRLRLRPEEMFETWEDDLNGI
HVAFAEKSDPDGYEFLEILKQVARDNTDNPDSLWIDPDDFPLLVAWWEKTFKIDLFRPQIGVVN
VTDADSVWMEIPDDDDLPTAAELEDWIEDVLGKINTEDDDEDDDDDDNSDEEDNDDSDDDD
DE

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (91); Rat (92)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CASQ2

Entrez GeneID [845](#)

GeneBank Accession# [BC022288.1](#)

Protein Accession# [NP_001223.2](#)

Gene Name CASQ2

Gene Alias FLJ26321, FLJ93514, PDIB2

Gene Description calsequestrin 2 (cardiac muscle)

Omim ID [114251 604772](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene specifies the cardiac muscle family member of the calsequestrin family. Calsequestrin is localized to the sarcoplasmic reticulum in cardiac and slow skeletal muscle cells. The protein is a calcium binding protein that stores calcium for muscle function. Mutations in this gene cause stress-induced polymorphic ventricular tachycardia, also referred to as catecholaminergic polymorphic ventricular tachycardia 2 (CPVT2), a disease characterized by bidirectional ventricular tachycardia that may lead to cardiac arrest. [provided by RefSeq]

Other Designations OTTHUMP00000013749|calsequestrin 2, fast-twitch, cardiac muscle|cardiac calsequestrin 2

Disease

- [Death](#)