



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CASQ2 monoclonal antibody (M07), clone 1C6

Catalog # : H00000845-M07

規格 : [100 ug]

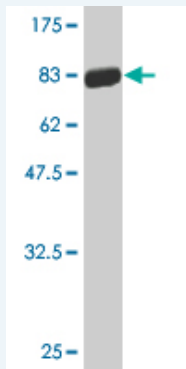
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant CASQ2.
Immunogen:	CASQ2 (AAH22288, 20 a.a. ~ 399 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	EEGLNFPTYDGKDRVSLSEKNFKQVLKKYDLLCLYHEPVSSDKVTQK QFQLKEIVLELVAQVLEHKAIGFVMVDAKKEAKLAKKLGFDDEESLYILKG DRTIEFDGEFAADVLEFLLDLIEDPVEIISKLEVQAFERIEDYIKLIGFFKS EDSEYYKAFEEAAEHFQPYIKFFATFDKGVAKKLSLKMNEVDFYEPFMDE PIAIPNKPYTEELVEFVKEHQRPTRLRRLRPEEMFETWEDDLNGIHIVAF EKSDPDGYEFLEILKQVARDNTDNPDLILWIDPDDFPLL VAYWEKTFKID LFRPQIGVNMVDADSVWMEIPDDDDLPTAELEDWIEDVLSGKINTEDD DEDDDDDDNSDEEDNDDSDDDDDDE
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Antibody Reactive Against Recombinant Protein.

Testing:



Western Blot detection against Immunogen (67.54 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

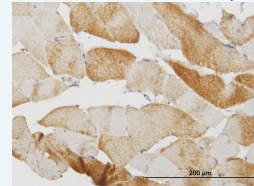
[Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Application Image

Western Blot (Recombinant protein)

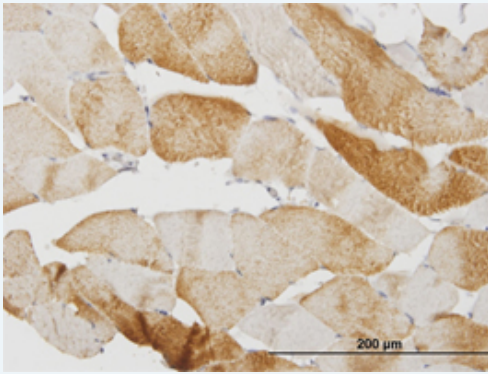
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



[enlarge](#)

Sandwich ELISA (Recombinant protein)

ELISA



[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to CASQ2 on formalin-fixed paraffin-embedded human skeletal muscle. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CASQ2 is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [845](#)

GeneBank Accession#: [BC022288](#)

Protein Accession#: [AAH22288](#)

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

Related Disease

[Death, Sudden](#)

