



# 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

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## CASQ2 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000845-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit 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:**  
 MKRTHLFIVGIYFLSSCRAEEGLNFPTYDGKDRVWSLSEKNFKQVLKKYD  
 LLCLYYHEPVSSDKVTQKQFQLKEIVLELVAQVLEHKAIGFVMVDAKKEA  
 KLAKKLGFDDEEGLYILKGDRTIEFDGEFAADVLVEFLDLIEDPVEIISKL  
 EVQAFERIEDYIKLIGFFKSEDSEYYKAFEEAAEHFQPYIKFFATFDKGVA  
 KKLKSLKMNEVDFYEPFMDEPIAIPNKPYTEEELVEFVKEHQRPTLRRLRPE  
 EMFETWEDDLNGIHIVAFAEKSDPDGYEFLEILKQVARDNTDNPDLILWI  
 DPDDFPLLVAWYWEKTFKIDLFRPQIGVWMTDADSVWMEIPDDDDLPTAE  
 ELEDWIEDVLSGKINTEDDDEDDDDDDNSDEEDNDDSDDDDDDE

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

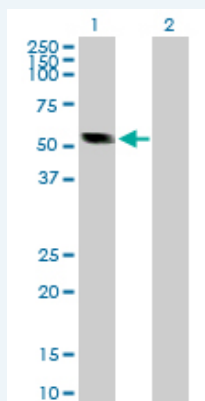
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

### Applications

#### Western Blot (Transfected lysate)



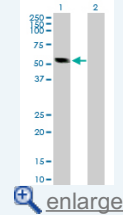
Western Blot analysis of CASQ2 expression in transfected 293T cell line (H00000845-T01) by CASQ2 MaxPab polyclonal antibody.

Lane 1: CASQ2 transfected lysate(46.40 KDa).

Lane 2: Non-transfected lysate.

### Application Image

Western Blot (Transfected lysate)



[Protocol Download](#)

## Gene Information

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**Entrez GeneID:** [845](#)

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**GeneBank Accession#:** [BC022288.1](#)

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**Protein Accession#:** [NP\\_001223.2](#)

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**Gene Name:** CASQ2

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**Gene Alias:** FLJ26321,FLJ93514,PDIB2

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**Gene Description:** calsequestrin 2 (cardiac muscle)

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**Omim ID:** [114251](#), [604772](#)

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**Gene Ontology:** [Hyperlink](#)

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**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]

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**Other Designations:** OTTHUMP00000013749,calsequestrin 2, fast-twitch, cardiac muscle,cardiac calsequestrin 2

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## Related Disease

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[Death, Sudden](#)

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