



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### 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) 

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

Catalog # : H00000831-D01P

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Rabbit polyclonal antibody raised against a full-length human CAST protein.

**Immunogen:** CAST (NP\_775083.1, 1 a.a. ~ 686 a.a) full-length human protein.

**Sequence:**  
 MNPTETKAVKTEPEKKSQSTKLSVVHEKKSQEGKPKHEHTEPKSLPKQAS  
 DTGSNDAHNNKAVSRSAEQQPSEKSTEPKTKPQDMISAGGESVAGITAIS  
 GKPGDKKKEKSLTPAVPVESKPKPSGKSGMDAALDDLIDTLGGPEET  
 EEENTTYTGPEVSDPMSSTYIEELGKREVTIPPKYRELLAKKEGITGPPAD  
 SSKPIGPDDAIDALSSDFTCGSPTAAGKKTEKEESTEVLKAQSAGTVRSA  
 APPQEKKRVEKDTMSDQALEALSASLGTRQAEPELDLRSIKEVDEAKA  
 KEEKLEKCGEDDETIPSEYRLKPATDKDGGKPLLPEPEEKPKPRSESELIDE  
 LSEDFDRSECKEKPSKPTTEKTEESKAAAPAPVSEAVCRTSMCSIQSAPPE  
 PATLKGTVPDDAVEALADSLGKKEADPEDGKPVMDKVKEKAKEEDREKL  
 GEKEETIPPDYRLEEVDKDKGKPLLPKESKEQLPPMSEDFLLDALSEDFS  
 GPQNASSLKFEDAKLAAAISEVVSQTPASTTQAGAPPRDTSQSDKDLDD  
 ALDKLSDSLGQRQDPDENKPMEDKVKEKAKAEHRDKLGERDDTIPPEY  
 RHLLDDNGQDKPVKPPTKKSEDSKPPADDQDPIDALSGDLSDSCPSTTET  
 SQNTAKDKCKKAASSKAPKNGGKAKDSAKTTEETSKPKDD

**Host:** Rabbit

**Reactivity:** Human

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

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

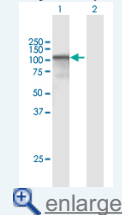
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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

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

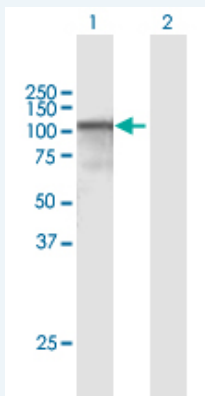
### Application Image

Western Blot (Transfected lysate)



### Applications

Western Blot (Transfected lysate)



Western Blot analysis of CAST expression in transfected 293T cell line (H00000831-T03)

by CAST MaxPab polyclonal antibody.

Lane 1: CAST transfected lysate(74.10 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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## Gene Information

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**Entrez GeneID:** [831](#)

**GeneBank** [NM\\_173060.2](#)

**Accession#:**

**Protein** [NP\\_775083.1](#)

**Accession#:**

**Gene Name:** CAST

**Gene Alias:** BS-17,MGC9402

**Gene** calpastatin

**Description:**

**Omim ID:** [114090](#)

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

**Gene Summary:** The protein encoded by this gene is an endogenous calpain (calcium-dependent cysteine protease) inhibitor. It consists of an N-terminal domain L and four repetitive calpain-inhibition domains (domains 1-4), and it is involved in the proteolysis of amyloid precursor protein. The calpain/calpastatin system is involved in numerous membrane fusion events, such as neural vesicle exocytosis and platelet and red-cell aggregation. The encoded protein is also thought to affect the expression levels of genes encoding structural or regulatory proteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length natures of only some have been determined. [provided by RefSeq]

**Other** OTTHUMP00000158519,OTTHUMP00000158520,calpain

**Designations:** inhibitor,heart-type calpastatin,sperm BS-17 component

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