



# 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

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



**CAMK4 purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00000814-B01P

規格 : [ 50 ug ]

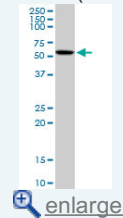
[List All](#)

**Specification**

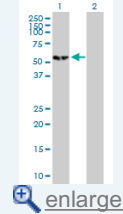
<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human CAMK4 protein.
<b>Immunogen:</b>	CAMK4 (NP_001735.1, 1 a.a. ~ 473 a.a) full-length human protein.
<b>Sequence:</b>	MLKVTVPSCSASSCSSVTASAAPGTASLVPDYWIDGSNRDALSDFF EVE SELGRGATSIVYRCKQKGTQKPYALKVLKKTVDKKIVRTEIGVLLRLSHPN IILKKEIFETPTEISLVLELVTGGELFDRIVEKGYYSERDAADAVKQILEAVA YLHENGIVHRDLKPENLLYATPAPDAPLKIADFGLSKIVEHQVLMKTVCCT PGYCAPEILRGCAYGPEVDMWVSGIITYILLCGFEFPYDERGDQFMFRRRI LNCEYYFISPWWDEVSLNAKDLVRKLVLDPKKRLTTFQALQHPWVTGK AANFVHMDTAQKKLQEFNARRKLA AVKAVASSRLGSASSSHGSIQES HKASRDPSPIQDGNEDMKAIPERGEKIQGDGAQA AVKGAQAELMKVQALE KVKGADINAEAPKMVPKAVEDGKIVADLEEEGLAEEKLTVEEAAAAPR EGQGSSAVGFEVPPQDVLPEY
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

**Application Image**

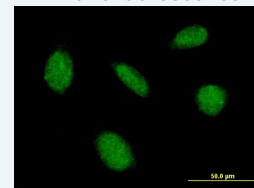
Western Blot (Cell lysate)



Western Blot (Transfected lysate)

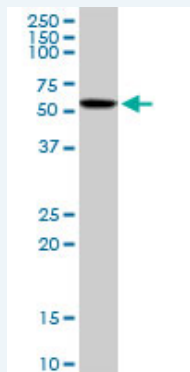


Immunofluorescence




**Applications**

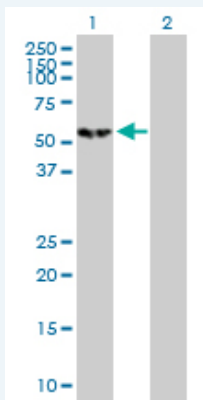
Western Blot (Cell lysate)



CAMK4 MaxPab polyclonal antibody. Western Blot analysis of CAMK4 expression in Jurkat.

 [Protocol Download](#)

Western Blot (Transfected lysate)

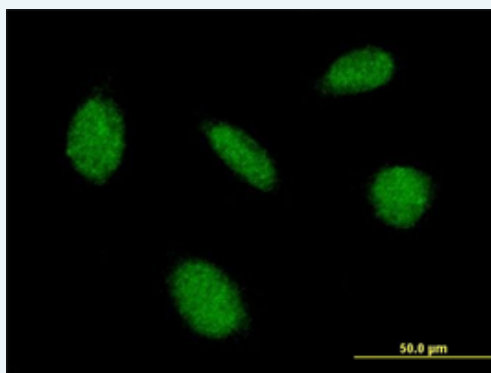


Western Blot analysis of CAMK4 expression in transfected 293T cell line (H00000814-T01) by CAMK4 MaxPab polyclonal antibody.

Lane 1: CAMK4 transfected lysate(52.03 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to CAMK4 on HeLa cell. [antibody concentration 10 ug/ml]

[Protocol Download](#)

### Gene Information

Entrez GeneID: [814](#)

GeneBank [NM\\_001744.3](#)  
Accession#:

Protein [NP\\_001735.1](#)  
Accession#:

Gene Name: CAMK4

Gene Alias: CaMK-GR,MGC36771

Gene Description: calcium/calmodulin-dependent protein kinase IV

Omim ID: [114080](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The product of this gene belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells. [provided by RefSeq]

**Other** CAM kinase IV, CAM kinase- GR, brain Ca(2+)-calmodulin-dependent  
**Designations:** protein kinase type IV, brain Ca++-calmodulin-dependent protein kinase  
type IV, calcium/calmodulin-dependent protein kinase type IV catalytic  
chain

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#### **Gene Pathway**

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[Calcium signaling pathway](#) [Long-term potentiation](#) [Neurotrophin signaling pathway](#)

#### **Related Disease**

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[Alcoholism](#) [Azoospermia](#) [Genetic Predisposition to Disease](#) [Narcolepsy](#) [Oligospermia](#)  
[Tobacco Use Disorder](#)

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