



# 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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## PRKACG MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00005568-B01

規格 : [ 50 uL ]

[List All](#)

### Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human PRKACG protein.

**Immunogen:** PRKACG (NP\_002723.2, 1 a.a. ~ 351 a.a) full-length human protein.

**Sequence:**  
 MGNAPAKKDTEQEEVNEFLAKARGDFLYRWGNPAQNTASSDQFERL  
 RTLGMGSFGRVMLVRHQETGGHYAMKILNKQKVKMKQVEHILNEKRIL  
 QAIDFPFLVKLQFSFKDNSYLYLVMEYVPGGEMFSRLQRVGRFSEPHAC  
 FYAAQVVLAVQYLHSLDLIHRDLKPENLLIDQQGYLQVTDGFAKRVKGR  
 TWTLCGTPEYLAPEIILSKGYNKAVDWWALGVLİYEMAVGFPPFYADQPI  
 QIYEKIVSGRVRFPSKLSDDLKHLRSLLQVDLTKRFGNLRNGVGDINKHK  
 WFATTSWIAIYEKKVEAPFIPKYTGPGDASNFDDYEEEEELRISINEKCAKEF  
 SEF

**Host:** Mouse

**Reactivity:** Human

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

**Storage Buffer:** No additive

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

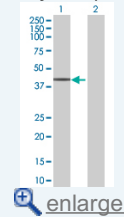
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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

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

### Application Image

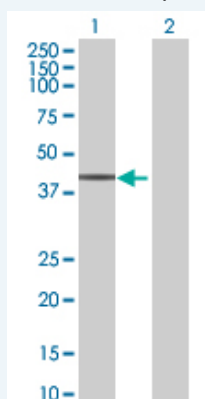
Western Blot (Transfected lysate)



 [enlarge](#)

### Applications

Western Blot (Transfected lysate)



Western Blot analysis of PRKACG expression in transfected 293T cell line (H00005568-T01) by PRKACG MaxPab polyclonal antibody.

Lane 1: PRKACG transfected lysate(38.61 KDa).

## Gene Information

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**Entrez GeneID:** [5568](#)

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**GeneBank  
Accession#:** [NM\\_002732.2](#)

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**Protein  
Accession#:** [NP\\_002723.2](#)

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**Gene Name:** PRKACG

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**Gene Alias:** KAPG,PKACg

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**Gene  
Description:** protein kinase, cAMP-dependent, catalytic, gamma

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**Omim ID:** [176893](#)

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

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**Gene Summary:** Cyclic AMP-dependent protein kinase (PKA) consists of two catalytic subunits and a regulatory subunit dimer. This gene encodes the gamma form of its catalytic subunit. The gene is intronless and is thought to be a retrotransposon derived from the gene for the alpha form of the PKA catalytic subunit. [provided by RefSeq]

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**Other  
Designations:** OTTHUMP00000021422,PKA C-gamma,serine(threonine) protein kinase

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## Gene Pathway

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[Apoptosis](#) [Calcium signaling pathway](#) [Chemokine signaling pathway](#) [Gap junction](#)  
[GnRH signaling pathway](#) [Hedgehog signaling pathway](#) [Insulin signaling pathway](#)  
[Long-term potentiation](#) [MAPK signaling pathway](#) [Melanogenesis](#) [Olfactory transduction](#)  
[Prion diseases](#) [Taste transduction](#) [Vascular smooth muscle contraction](#)  
[Vibrio cholerae infection](#) [Wnt signaling pathway](#)