



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## PRKCB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005579-T02

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

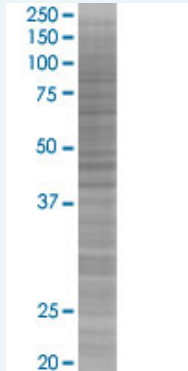
**Plasmid:** pCMV-PRKCB1 full-length

**Host:** Human

**Theoretical MW (kDa):** 76.9

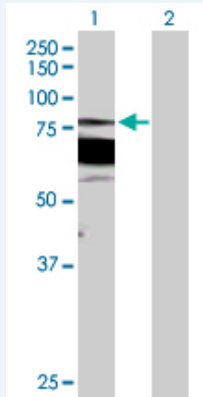
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PRKCB1 antibody ([H00005579-D01P](#)) by Western Blots.

#### SDS-PAGE Gel



PRKCB1 transfected lysate.

#### Western Blot



Lane 1: PRKCB1 transfected lysate ( 76.90 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

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

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [5579](#)

GeneBank [NM\\_212535.1](#)  
Accession#:

Protein [NP\\_997700.1](#)  
Accession#:

Gene Name: PRKCB

Gene Alias: MGC41878,PKC-beta,PKCB,PRKCB1,PRKCB2

Gene Description: protein kinase C, beta

Omim ID: [176970](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This protein kinase has been reported to be involved in many different cellular functions, such as B cell activation, apoptosis induction, endothelial cell proliferation, and intestinal sugar absorption. Studies in mice also suggest that this kinase may also regulate neuronal functions and correlate fear-induced conflict behavior after stress. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations: protein kinase C, beta 1 polypeptide

### Gene Pathway

[B cell receptor signaling pathway](#) [Calcium signaling pathway](#) [Chemokine signaling pathway](#) [ErbB signaling pathway](#) [Fc epsilon RI signaling pathway](#) [Fc gamma R-mediated phagocytosis](#) [Focal adhesion](#) [Gap junction](#) [Glioma](#) [GnRH signaling pathway](#) [Leukocyte transendothelial migration](#) [Long-term depression](#) [Long-term potentiation](#) [MAPK signaling pathway](#) [Melanogenesis](#) [Natural killer cell mediated cytotoxicity](#) [Non-small cell lung cancer](#) [Pathways in cancer](#) [Phosphatidylinositol signaling system](#) [Tight junction](#) [Vascular smooth muscle contraction](#) [VEGF signaling pathway](#) [Vibrio cholerae infection](#) [Wnt signaling pathway](#)

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