



# 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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**PSMC4 MaxPab mouse polyclonal antibody (B01)** MaxPab®

Catalog # : H00005704-B01

規格 : [ 50 uL ]

[List All](#)

**Specification**

**Product Description:** Mouse polyclonal antibody raised against a full-length human PSMC4 protein.

**Immunogen:** PSMC4 (NP\_006494, 1 a.a. ~ 418 a.a) full-length human protein.

**Sequence:**  
MEEIGILVEKAQDEIPALSVSRPQTGLSFLGPEPEDLEDLYSRYKKLQQE  
LEFLEVQEEYIKDEQKNLKKEFLHAQEEVKRIQSIPLVIGQFLEAVDQNTAI  
VGSTTGSNYYRILSTIDRELLKPNASVALHKHSNALVDVLPPEADSSIMM  
LTSQKPDVYADIGGMDIQKQEVREAVELPLTHFELYKQIGIDPPRGVL  
MYGPPGCGKTM LAKAVAHHTTAAFIRVVGSEFVQKYLGE GPRMVRDVF  
RLAKENAPAIIFIDEIDA IATKRFDAQTGADREVQRILLELLNQMDGFDQNV  
NVKIMATNRADTLDPALLRPGRLDRKIEFPLPDRRQKRLIFSTITSKMNL  
SEEVDLEDYVARPDKISGADINSICQESGMLAVRENRYVLAKDFEKAYKT  
VIKKDEQEHEFYK

**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.

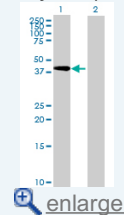
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.


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

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

**Application Image**

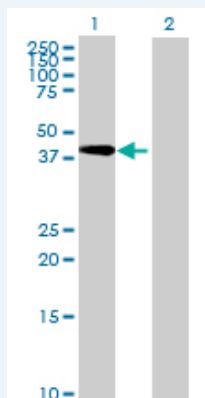
Western Blot (Transfected lysate)



 [enlarge](#)

**Applications**

Western Blot (Transfected lysate)



Western Blot analysis of PSMC4 expression in transfected 293T cell line (H00005704-T01) by PSMC4 MaxPab polyclonal antibody.

Lane 1: PSMC4 transfected lysate(45.98 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

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## Gene Information

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**Entrez GeneID:** [5704](#)

**GeneBank  
Accession#:** [NM\\_006503](#)

**Protein  
Accession#:** [NP\\_006494](#)

**Gene Name:** PSMC4

**Gene Alias:** MGC13687,MGC23214,MGC8570,MIP224,S6,TBP7

**Gene  
Description:** proteasome (prosome, macropain) 26S subunit, ATPase, 4

**Omim ID:** [602707](#)

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

**Gene Summary:** The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. This subunit has been shown to interact with an orphan member of the nuclear hormone receptor superfamily highly expressed in liver, and with gankyrin, a liver oncoprotein. Two transcript variants encoding different isoforms have been identified. [provided by RefSeq]

**Other  
Designations:** MB67 interacting protein,Tat-binding protein 7,protease 26S subunit 6,proteasome 26S ATPase subunit 4

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## Gene Pathway

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[Proteasome](#)

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