



# 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

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) 

## Datasheet

### PSMB8 MaxPab rabbit polyclonal antibody (D01)

**Catalog Number:** H00005696-D01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against a full-length human PSMB8 protein.

**Immunogen:** PSMB8 (NP\_004150.1, 1 a.a. ~ 272 a.a) full-length human protein.

**Sequence:**

```
MLIGTPTPRDTPSSWLTSSLLVEAAPLDDTTLPTPVS  
SGCPGLEPTEFFQSLGGDGERNVQIEMAHGTTTLAFK  
FQHGVIAAVDSRASAGSYISALRVNKKVIEINPYLLGTMS  
GCAADCQYWERLLAKECRLYYLRNGERISVSAASKLL  
SNMMCQYRGMGLSMGSMICGWDKKGPGLYYVDEHG  
TRLSGNMFSTGSGNTYAYGVMDSGYRPNLSPEEAYD  
LGRRAIAYATHRDSYSGGVNMYHMKEDGWVKVEST  
DVSDLLHQYREANQ
```

**Host:** Rabbit

**Reactivity:** Human, Mouse

**Applications:** IP, WB-Ti, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** No additive

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

**Entrez GeneID:** 5696

**Gene Symbol:** PSMB8

**Gene Alias:** D6S216, D6S216E, LMP7, MGC1491, PSMB5i, RING10, beta5i

**Gene Summary:** The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure 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. 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 a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. This gene is located in the class II region of the MHC (major histocompatibility complex). Expression of this gene is induced by gamma interferon and this gene product replaces catalytic subunit 3 (proteasome beta 5 subunit) in the immunoproteasome. Proteolytic processing is required to generate a mature subunit. Two alternative transcripts encoding two isoforms have been identified; both isoforms are processed to yield the same mature subunit. [provided by RefSeq]