



# SZABO SCANDIC

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## 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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## PSMA7 polyclonal antibody (A01)

Catalog # : H00005688-A01

規格 : [ 50 uL ]

List All

Specification	Application Image
<b>Product Description:</b> Mouse polyclonal antibody raised against a full-length recombinant PSMA7.	ELISA
<b>Immunogen:</b> PSMA7 (AAH04427, 1 a.a. ~ 248 a.a) full-length recombinant protein with GST tag.	
<b>Sequence:</b> MSYDRAITVFSPDGHLFQVEYAQEAVKKGSTAVGVRRGRDIVLGVKKS VAKLQDERTVRKICALDDNVCMFAAGLTADARIVINRARVECQSHRLTVE DPVTVEYITRYIASLKQRYTQSNRRPFGISALIVGFDFDGTPLRYQTDP SGTYHAWKANAIGRGAHSVREFLEKNYTDIAIETDDLTIKLVKALLEVVQ SGGKNIELAVMRRDQSLKILNPEEIEKYVAEIEKEKEENEKKKQKKAS	
<b>Host:</b> Mouse	
<b>Reactivity:</b> Human	
<b>Quality Control Testing:</b> Antibody Reactive Against Recombinant Protein.	
<b>Storage Buffer:</b> 50 % glycerol	
<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>	
<b>Applications</b>	
ELISA	
<b>Gene Information</b>	
<b>Entrez GeneID:</b> <a href="#">5688</a>	
<b>GeneBank Accession#:</b> <a href="#">BC004427</a>	
<b>Protein Accession#:</b> <a href="#">AAH04427</a>	
<b>Gene Name:</b> PSMA7	
<b>Gene Alias:</b> C6,HSPC,MGC3755,RC6-1,XAPC7	
<b>Gene Description:</b> proteasome (prosome, macropain) subunit, alpha type, 7	
<b>Omim ID:</b> <a href="#">606607</a>	

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

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**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 peptidase T1A family, that is a 20S core alpha subunit. This particular subunit has been shown to interact specifically with the hepatitis B virus X protein, a protein critical to viral replication. In addition, this subunit is involved in regulating hepatitis virus C internal ribosome entry site (IRES) activity, an activity essential for viral replication. This core alpha subunit is also involved in regulating the hypoxia-inducible factor-1alpha, a transcription factor important for cellular responses to oxygen tension. Multiple isoforms of this subunit arising from alternative splicing may exist but alternative transcripts for only two isoforms have been defined. A pseudogene has been identified on chromosome 9. [provided by RefSeq]

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**Other Designations:** OTTHUMP00000031449,proteasome alpha 7 subunit,proteasome subunit RC6-1,proteasome subunit XAPC7,proteasome subunit alpha 4

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### **Gene Pathway**

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[Proteasome](#)

### **Related Disease**

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[Kidney Failure, Chronic](#)

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