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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSMB5 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005693-D01P

規格 : [100 ug]

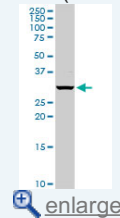
[List All](#)

Specification

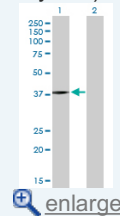
Product Description:	Rabbit polyclonal antibody raised against a full-length human PSMB5 protein.
Immunogen:	PSMB5 (NP_002788.1, 1 a.a. ~ 263 a.a) full-length human protein.
Sequence:	MALASVLERPLPVNQRGFFGLGGRADLLDLGPGSLSDGLSLAAPGWG VPEEPGIEMLHGTTTTLAFKFRHGVIVAADSRATAGAYIASQTVKKVIEINPY LLGTMAGGAADCSFWERLLARQCRIYELRNKERISVAAASKLLANMVYQ YKGMGLSMGTMICGWDKRGPGLYYVDSEGNRISGATFSVSGSVYAY GVMDRGYSYDLEVEQAYDLARRAIQATYRDAYS GGAVNLYHVREDGW IRVSSDNVADLHEKYSGSTP
Host:	Rabbit
Reactivity:	Human, Mouse
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Application Image

Western Blot (Tissue lysate)



Western Blot (Transfected lysate)

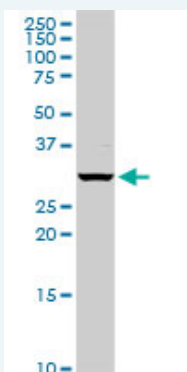


Publication Reference


1. Advanced glycation end products-induced formation of immunoproteasomes: involvement of the receptor for AGEs and Jak2/STAT1.
Grimm S, Ott C, Horlacher M, Weber D, Hoehn A, Grune T. *Biochem J.* 2012 Aug 15.

Applications

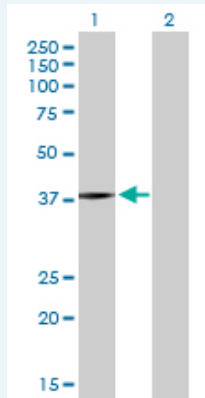
Western Blot (Tissue lysate)



PSMB5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMB5 expression in mouse spleen.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of PSMB5 expression in transfected 293T cell line ([H00005693-T04](#)) by PSMB5 MaxPab polyclonal antibody.

Lane 1: PSMB5 transfected lysate(28.50 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5693](#)

GeneBank [NM_002797.2](#)

Accession#:

Protein [NP_002788.1](#)

Accession#:

Gene Name: PSMB5

Gene Alias: LMPX,MB1,MGC104214,X

Gene proteasome (prosome, macropain) subunit, beta type, 5

Description:

Omim ID: [600306](#)

Gene Ontology: [Hyperlink](#)

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 in the proteasome. This catalytic subunit is not present in the immunoproteasome and is replaced by catalytic subunit 3i (proteasome beta 8 subunit). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: PSX large multifunctional protease X,macropain epsilon chain,multicatalytic endopeptidase complex epsilon chain,proteasome beta 5 subunit,proteasome catalytic subunit 3,proteasome chain 6,proteasome epsilon chain,proteasome subunit MB1,proteasome subunit

Gene Pathway

[Proteasome](#)

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