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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSMB8 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005696-D01P

規格 : [100 ug]

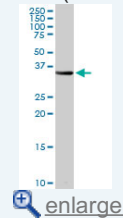
List All

Specification

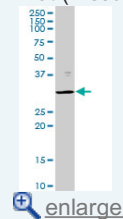
Product Description:	Rabbit polyclonal antibody raised against a full-length human PSMB8 protein.
Immunogen:	PSMB8 (NP_004150.1, 1 a.a. ~ 272 a.a) full-length human protein.
Sequence:	MLIGTPTPRDTPSSWLTSSLLVEAAPLDDTTLPTPVSSGCPGLEPTEF FQSLGGDGERNVQIEMAHGTTTTLAFKFQHGVIAAVDSRASAGSYISALRV NKVIEINPYLLGTMSGCAADCQYWERLLAKECRLYYLRNGERISVSAASK LLSNMMCQYRGMGLSMGSMICGWKKGPLYVDEHGTRLSGNMFST GSGNTYAYGVMDSGYRPNLSPEEAYDLGRRAIAYATHRDSYSGGVVNM YHMKEDGWVKVESTDVSDLLHQYREANQ
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

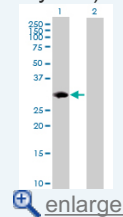
Western Blot (Tissue lysate)



Western Blot (Tissue lysate)

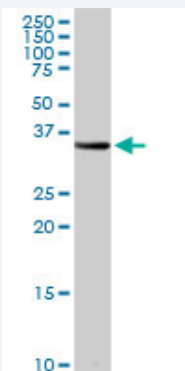


Western Blot (Transfected lysate)



Applications

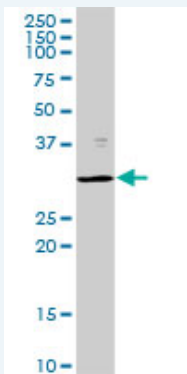
Western Blot (Tissue lysate)



PSMB8 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMB8 expression in human kidney.

 [Protocol Download](#)

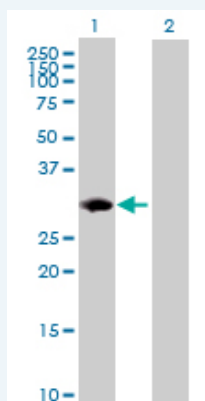
Western Blot (Tissue lysate)



PSMB8 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMB8 expression in mouse liver.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of PSMB8 expression in transfected 293T cell line ([H00005696-T01](#)) by PSMB8 MaxPab polyclonal antibody.

Lane 1: PSMB8 transfected lysate(29.80 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5696](#)

GeneBank [NM_004159](#)

Accession#:

Protein [NP_004150.1](#)

Accession#:

Gene Name: PSMB8

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

Gene Description: proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)

Omim ID: [177046](#)

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. 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]

Other Designations: OTTHUMP00000029420,OTTHUMP00000029421,OTTHUMP00000062981,low molecular weight protein 7,macropain subunit C13,multicatalytic endopeptidase complex subunit C13,protease component C13,proteasome (prosome, macropain) subunit beta type 8 (large multifunctiona

Gene Pathway

[Proteasome](#)

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