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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSMB7 MaxPab mouse polyclonal antibody (B02) MaxPab®

Catalog # : H00005695-B02

規格 : [50 uL]

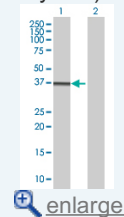
[List All](#)

Specification

Product Description:	Mouse polyclonal antibody raised against a full-length human PSMB7 protein.
Immunogen:	PSMB7 (AAH00509, 1 a.a. ~ 277 a.a) full-length human protein.
Sequence:	MAAVSVYAPPVGGFSFDNCRNAVLEADFAKRGYKLPKARKTGTTIAGV VYKDGIVLGADTRATEGMVVADKNCSTKIHFISPNIYCCGAGTAADTDMTT QLISSNLELHSLSTGRLPRVVTANRMLKQMLFRYQGYIGAALVGGVDVT GPHLYSIYPHGSTDKLPYVTMGSGSLAAMAVFEDKFRPDMEEFEAKNLV SEAIAAGIFNDLGSGSNIDLCVISKNKLDLFRPYTPVNNKGTGRLGRYRCEK GTTAVLTEKITPLEIEVLEETVQTMDS
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

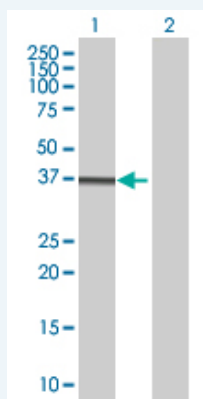
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of PSMB7 expression in transfected 293T cell line ([H00005695-T02](#)) by PSMB7 MaxPab polyclonal antibody.

Lane 1: PSMB7 transfected lysate(30.58 KDa).
Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [5695](#)

GeneBank Accession#: [BC000509](#)

Protein Accession#: [AAH00509](#)

Gene Name: PSMB7

Gene Alias: Z

Gene Description: proteasome (prosome, macropain) subunit, beta type, 7

Omim ID: [604030](#)

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. Expression of this catalytic subunit is downregulated by gamma interferon and proteolytic processing is required to generate a mature subunit. This subunit is not present in the immunoproteasome and is replaced by catalytic subunit 2i (proteasome beta 10 subunit). [provided by RefSeq]

Other Designations: OTTHUMP00000022798,macropain chain Z,multicatalytic endopeptidase complex chain Z,proteasome beta 7 subunit,proteasome catalytic subunit 2,proteasome subunit Z,proteasome subunit alpha,proteasome subunit beta 7

Gene Pathway

[Proteasome](#)

Related Disease

[Kidney Failure, Chronic Tobacco Use Disorder](#)