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

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PSME2 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00005721-B01P **規格 :** [50 ug]

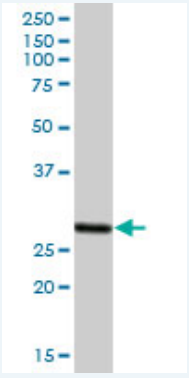
List All

Specification

Product Description:	Mouse polyclonal antibody raised against a full-length human PSME2 protein.
Immunogen:	PSME2 (AAH04368.1, 1 a.a. ~ 239 a.a) full-length human protein.
Sequence:	MAKPCGVRLSGEARKQVEVFRQNLFQEAEEFLYRFLPQKIIYLNQLLQE DSLNVADLTSLRAPLDIPIPDPPPKDDEMETDKQEKKEVPKCGFLPGNEK VLSLLALVKPEVWTLKEKCILVITWIQHLIPKIEDGNDFGVAIQEKVLERVNA VKTKVEAFQTTISKYFSERGDAVAKASKETHVMDYRALVHERDEAAYGE LRAMVLDLRAFYAELYHIISSNLEKIVNPKGEEKPSMY
Host:	Mouse
Reactivity:	Human
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

Applications

Western Blot (Tissue lysate)



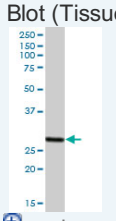
PSME2 MaxPab polyclonal antibody. Western Blot analysis of PSME2 expression in human liver.

Protocol Download

Western Blot (Transfected lysate)

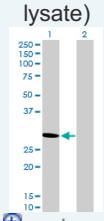
Application Image

Western Blot (Tissue lysate)



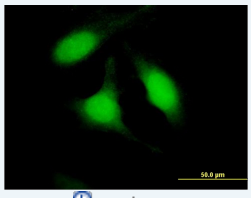
enlarge

Western Blot (Transfected lysate)

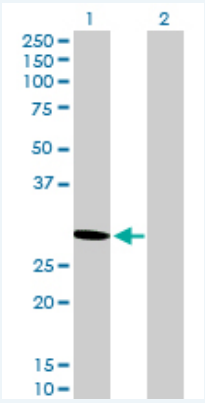


enlarge

Immunofluorescence



enlarge

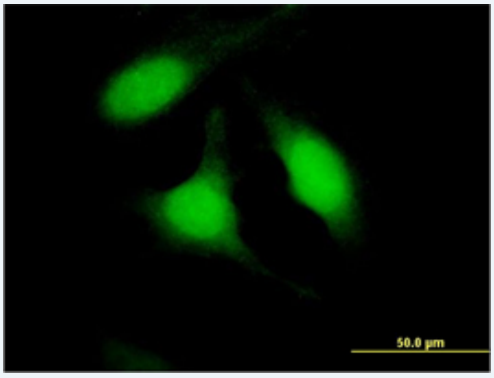


Western Blot analysis of PSME2 expression in transfected 293T cell line (H00005721-T01) by PSME2 MaxPab polyclonal antibody.

Lane 1: PSME2 transfected lysate(26.29 KDa).
Lane 2: Non-transfected lysate.

Protocol Download

Immunofluorescence



enlarge this image

Immunofluorescence of purified MaxPab antibody to PSME2 on HeLa cell. [antibody concentration 10 ug/ml]

Protocol Download

Gene Information

Entrez GeneID:	5721
GeneBank Accession#:	BC004368.1
Protein Accession#:	AAH04368.1
Gene Name:	PSME2
Gene Alias:	PA28B,PA28beta,REGbeta
Gene Description:	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)
Omim ID:	602161
Gene Ontology:	Hyperlink
Gene Summary:	The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core 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. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase 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. The immunoproteasome contains an alternate regulator, referred to as the 11S regulator or PA28, that replaces the 19S regulator. Three subunits (alpha, beta and gamma) of the 11S regulator have been identified. This gene encodes the beta subunit of the 11S regulator, one of the two 11S subunits that is induced by gamma-interferon. Three beta and three alpha subunits combine to form a heterohexameric ring. Six pseudogenes have been identified on chromosomes 4, 5, 8, 10 and 13. [provided by RefSeq

Other Designations: 11S regulator complex beta subunit,MCP activator, 31-kD subunit,activator of multicatalytic protease subunit 2,cell migration-inducing protein 22,proteasome activator 28-beta,proteasome activator hPA28 subunit beta,proteasome activator subunit 2

Gene Pathway

Antigen processing and presentation Proteasome

Related Disease

Disease Progression Disease Susceptibility HIV Infections