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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PSMC3 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005702-D01P

規格 : [100 ug]

List All

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human PSMC3 protein.

Immunogen: PSMC3 (NP_002795.2, 1 a.a. ~ 439 a.a) full-length human protein.

Sequence:
 MNLLPNIESPVTRQEKMATVWDEAEQDGIGEEVLKMSTEEIIQRTRLLDS
 EIKIMKSEVLRVTHELQAMKDKIKENSEKIKVNKTLPYLVSNVIELLDVDPND
 QEEDGANIDLDSQRKKGKCAVIKTSTRQTYFLPVIGLVDAEKLKPGDLVGV
 NKDSYLILETLPTHEYDSRVKAMEVDERPTEQYSDIGGLDKQIQELVEAIVL
 PMNHKEKFENLGIQPPKGVLMYGPPGTGKTLARACAAQTKATFLKLAG
 PQLVQMFIGDGAKLVRDAFALAKEKAPSIIFIDELDAIGTKRFDSEKAGDR
 EVQRTMLELLNQLDGFQPNTQVKVIAATNRVDILDPALLRSGRLDRKIEF
 PMPNEEARARIMQIHSRKMNVSPDVNYEELARCTDDFNQAQCKAVCVEA
 GMIALRRGATELTHEDYMEGILEVQAKKANLQYYA

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

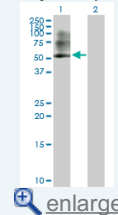
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

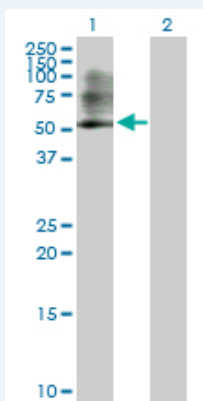
Western Blot (Transfected lysate)



 enlarge

Applications

Western Blot (Transfected lysate)



Western Blot analysis of PSMC3 expression in transfected 293T cell line (H00005702-T01) by PSMC3 MaxPab polyclonal antibody.

Lane 1: PSMC3 transfected lysate(49.20 KDa).

Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [5702](#)

GeneBank Accession#: [NM_002804.3](#)

Protein Accession#: [NP_002795.2](#)

Gene Name: PSMC3

Gene Alias: MGC8487,TBP1

Gene Description: proteasome (prosome, macropain) 26S subunit, ATPase, 3

Omim ID: [186852](#)

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. This gene encodes one of the ATPase subunits, a member of the triple-A family of ATPases that have chaperone-like activity. This subunit may compete with PSMC2 for binding to the HIV tat protein to regulate the interaction between the viral protein and the transcription complex. A pseudogene has been identified on chromosome 9. [provided by RefSeq]

Other Designations: Tat-binding protein 1,human immunodeficiency virus tat transactivator binding protein-1,proteasome 26S ATPase subunit 3,proteasome subunit P50

Gene Pathway

[Proteasome](#)