

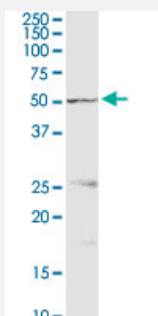
MaxPab®

PSMD5 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005711-D01P

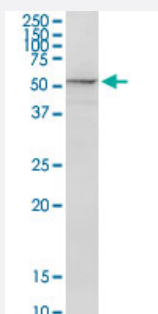
Size 100 ug

Applications



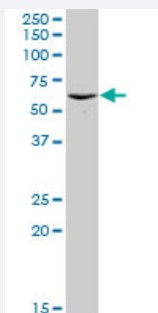
Western Blot (Tissue lysate)

PSMD5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMD5 expression in mouse spleen.



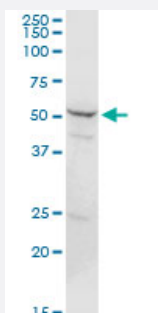
Western Blot (Tissue lysate)

PSMD5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMD5 expression in human stomach.



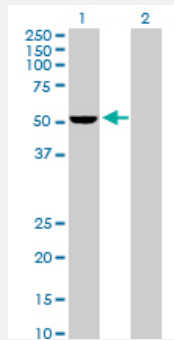
Western Blot (Cell lysate)

PSMD5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMD5 expression in PC-12.



Western Blot (Cell lysate)

PSMD5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMD5 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of PSMD5 expression in transfected 293T cell line ([H00005711-T01](#)) by PSMD5 MaxPab polyclonal antibody.

Lane 1: PSMD5 transfected lysate(56.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PSMD5 protein.
Immunogen	PSMD5 (NP_005038.1, 1 a.a. ~ 504 a.a) full-length human protein.
Sequence	MAAQALALLREVARLEAPLEELRALHSVLQAVPLNELRQQAAELRLGPLFSLLENHREKTTLCV SILERLLQAMEPVHVARNLRVDLQRGLIHPDDSVKILTSQIGRIVENS DAVTEILNNAELLKQMYCIG GENLSVAKAAIKSLSRISLTQAGLEALFESNLLDDLKSVMTNDVRYRVYELIIEISSVSPELNYCT TSGLV TQLLRELTGEDVLVRATCIEMVTSLAYTHHGRQYLAQEGVIDQISNIIVGADSDPFSSFYLP GVKFFGNLAVMDSPQQICERYPIFVEKVFEMIESQDPTMIGVAVDTVGILGSNVEGKQVLQKTGTR FERLLMRIGHQSKNAPVELKIRCLDAISSLLYPPEQQTDDLRLMTESWFSLSRDPLELFRGISSQ PFPELHCAALKVFTAIANQPWAQKLMFNSPGFVEYVDRSVEHDKASKDAKYELVKALANSKTIA EIFGNPNYLRRLR TYLSEGPYYKPVSTTAVEGAE
Host	Rabbit
Reactivity	Human, Mouse, Rat
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.

Applications

- Western Blot (Tissue lysate)

PSMD5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMD5 expression in mouse spleen.

[Protocol Download](#)

- Western Blot (Tissue lysate)

PSMD5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMD5 expression in human stomach.

[Protocol Download](#)

- Western Blot (Cell lysate)

PSMD5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMD5 expression in PC-12.

[Protocol Download](#)

- Western Blot (Cell lysate)

PSMD5 MaxPab rabbit polyclonal antibody. Western Blot analysis of PSMD5 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PSMD5 expression in transfected 293T cell line ([H00005711-T01](#)) by PSMD5 MaxPab polyclonal antibody.

Lane 1: PSMD5 transfected lysate(56.20 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PSMD5

Entrez GeneID	5711
---------------	----------------------

GeneBank Accession#	NM_005047.2
---------------------	-----------------------------

Protein Accession#	NP_005038.1
--------------------	-----------------------------

Gene Name	PSMD5
-----------	-------

Gene Alias	KIAA0072, MGC23145, S5B
------------	-------------------------

Gene Description	proteasome (prosome, macropain) 26S subunit, non-ATPase, 5
------------------	--

Omim ID	604452
---------	------------------------

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 a non-ATPase subunit of the 19S regulator base. [provided by RefSeq]

Other Designations

26S protease subunit S5 basic|26S proteasome non-ATPase regulatory subunit 5|26S proteasome subunit S5B|OTTHUMP00000021990|proteasome 26S non-ATPase subunit 5