

Rabbit anti-Human, Mouse PSMD7 Polyclonal Antibody | anti-PSMD7 antibody

Rabbit anti-PSMD7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212302	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

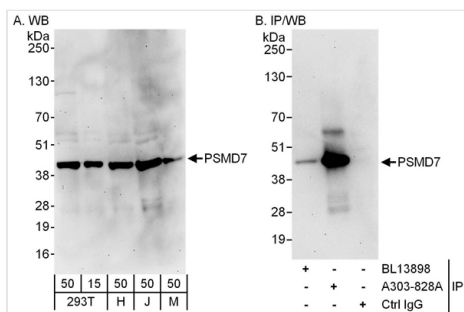
PRODUCT SYNONYMS

PSMD7; Polyclonal Antibody; Rabbit anti-PSMD7 Antibody; Affinity Purified; Mov34 protein homolog; proteasome subunit p40; Rpn8; proteasome (prosome; macropain) 26S subunit; non-ATPase; 7 (Mov34 homolog); P40; MOV34; Moloney leukemia virus-34 proviral integration; 26S proteasome regulatory subunit S12; 26S proteasome non-ATPase regulatory subunit 7; 26S proteasome regulatory subunit rpn8; S12; Mov34 homolog; proteasome 26S subunit; non-ATPase 7; anti-PSMD7 antibody

PRODUCT SPECIFICATIONS

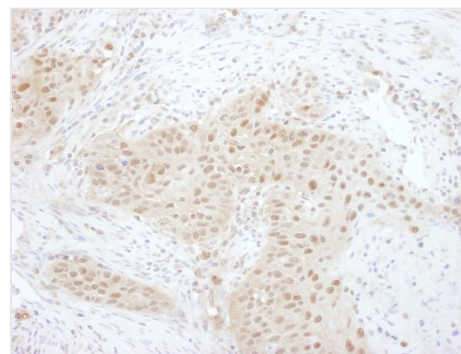
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PSMD7 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	D. melanogaster, Bovine
Immunogen	Between 150 and 200
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



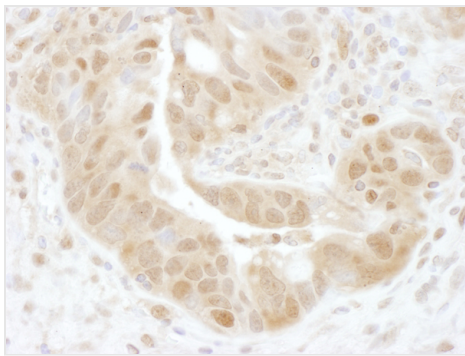
WB (Western Blot)

Detection of human and mouse PSMD7 by western blot (h and m) and immunoprecipitation (h). Samples: Whole cell lysate from HEK293T (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HeLa (H; 50 ug), Jurkat (J; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PSMD7 antibody AAA212302 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. PSMD7 was also immunoprecipitated by rabbit anti-PSMD7 antibody BL13898, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human PSMD7 by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-PSMD7 (Cat. No. AAA212302 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).



IHC (Immunohistochemistry)

Detection of human PSMD7 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PSMD7 (Cat. No. AAA212302 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD7 antibody	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 (PSMD7) is a subunit of the 26S proteasome, 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. PSMD7 is a non-ATPase subunit of the 19S regulator. [taken from NCBI Entrez Gene (Gene ID: 5713)].
Product Categories/Family for anti-PSMD7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777615
NCBI GeneID	5713
NCBI Accession #	NP_002802.2
NCBI GenBank Nucleotide #	NM_002811.4
UniProt Accession #	P51665 ; Q6PKI2 ; Q96E97 ; D3DWS9
Molecular Weight	37,025 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 7
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7
NCBI Official Symbol	PSMD7
NCBI Official Synonym Symbols	P40; S12; Rpn8; MOV34
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 7; Mov34 homolog; proteasome subunit p40; 26S proteasome regulatory subunit S12; 26S proteasome regulatory subunit rpn8; Moloney leukemia virus-34 proviral integration; proteasome (prosome, macropain) 26S subun
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 7
UniProt Gene Name	PSMD7
UniProt Synonym Gene Names	MOV34L
UniProt Entry Name	PSMD7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmd7-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212302>