

Rabbit anti-Human PSMD2 Polyclonal Antibody | anti-PSMD2 antibody

Rabbit anti-PSMD2 Antibody, Affinity Purified

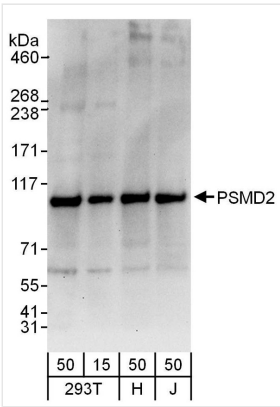
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212320	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PSMD2; Polyclonal Antibody; Rabbit anti-PSMD2 Antibody; Affinity Purified; proteasome (prosome; macropain) 26S subunit; non-ATPase; 2; tumor necrosis factor type 1 receptor-associated protein 2; TRAP2; TNFR-associated protein 2; S2; protein 55.11; P97; 55.11 protein; 26S proteasome subunit p97; 26S proteasome regulatory subunit S2; 26S proteasome regulatory subunit RPN1; 26S proteasome non-ATPase regulatory subunit 2; RPN1; proteasome 26S subunit; non-ATPase 2; anti-PSMD2 antibody

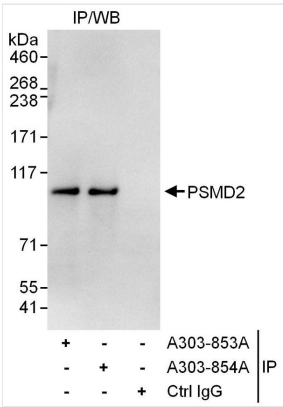
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-PSMD2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human PSMD2 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 ug), HeLa (H; 50 ug) and Jurkat (J; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PSMD2 antibody AAA212320 (lot AAA212320-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PSMD2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-PSMD2 antibody AAA212320 (lot AAA212320-1) used for IP at 6 ug/mg lysate. PSMD2 was also immunoprecipitated by rabbit anti-PSMD2 antibody For blotting immunoprecipitated PSMD2, AAA212320 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD2 antibody	PSMD2 [proteasome (prosome, macropain) 26S subunit, non-ATPase, 2] is a subunit of the 26 S proteasome. 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. PSMD2 is a subunit of the 19S regulator lid, which is responsible for substrate recognition and binding [taken from NCBI Entrez Gene (Gene ID: 5708)].
Product Categories/Family for anti-PSMD2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777602
NCBI GeneID	5708
NCBI Accession #	NP_002799.3
NCBI GenBank Nucleotide #	NM_002808.3
UniProt Accession #	Q13200; Q12932; Q15321; Q53XQ4; Q96112
Molecular Weight	100,200 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 2
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 2
NCBI Official Symbol	PSMD2
NCBI Official Synonym Symbols	S2; P97; Rpn1; TRAP2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 2; 55.11 protein; protein 55.11; TNFR-associated protein 2; 26S proteasome subunit p97; 26S proteasome regulatory subunit S2; 26S proteasome regulatory subunit RPN1; tumor necrosis factor receptor-associated pr

UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 2
UniProt Gene Name	PSMD2
UniProt Synonym Gene Names	TRAP2
UniProt Entry Name	PSMD2_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://www.aaabiotech.com/polyclonal/psmd2-antibody-immunoprecipitation-western-blot-elisa/212320>