

Rabbit anti-Human, Mouse PSMD3 Polyclonal Antibody | anti-PSMD3 antibody

Rabbit anti-PSMD3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212301	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

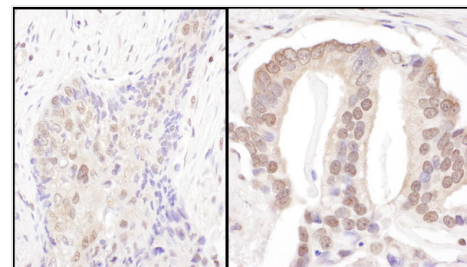
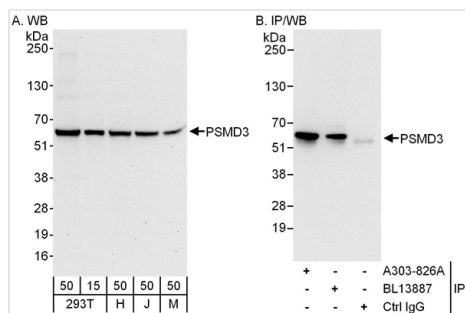
PRODUCT SYNONYMS

PSMD3; Polyclonal Antibody; Rabbit anti-PSMD3 Antibody; Affinity Purified; RPN3; 26S proteasome non-ATPase regulatory subunit 3; tissue specific transplantation antigen 2; TSTA2; S3; proteasome (prosome; macropain) 26S subunit; non-ATPase; 3; P58; 26S proteasome regulatory subunit RPN3; 26S proteasome regulatory subunit S3; proteasome subunit p58; proteasome 26S subunit; non-ATPase 3; anti-PSMD3 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-PSMD3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of human PSMD3 by immunohistochemistry. Samples: FFPE sections of human lung cancer (left) and prostate carcinoma (right). Antibody: Affinity purified rabbit anti-PSMD3 (Cat. No. AAA212301 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

WB (Western Blot)

Detection of human and mouse PSMD3 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-PSMD3 antibody AAA212301 used for WB at 0.1 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 6 ug/mg lysate. PSMD3 was also immunoprecipitated by rabbit anti-PSMD3 antibody BL13887, which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).

ADDITIONAL INFORMATION

Related Product Information for anti-PSMD3 antibody	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 3 (PSMD3) 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. PSMD3 is a member of the proteasome subunit S3 family that functions as one of the non-ATPase subunits of the 19S regulator lid [taken from NCBI Entrez Gene (Gene ID: 5709)].
Product Categories/Family for anti-PSMD3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777612
NCBI GeneID	5709
NCBI Accession #	NP_002800.2
NCBI GenBank Nucleotide #	NM_002809.3
UniProt Accession #	O43242; Q96EI2; Q9BQA4; B3KMW9
Molecular Weight	60,978 Da
NCBI Official Full Name	26S proteasome non-ATPase regulatory subunit 3
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, non-ATPase, 3
NCBI Official Symbol	PSMD3
NCBI Official Synonym Symbols	S3; P58; RPN3; TSTA2
NCBI Protein Information	26S proteasome non-ATPase regulatory subunit 3; proteasome subunit p58; 26S proteasome regulatory subunit S3; 26S proteasome regulatory subunit RPN3; tissue specific transplantation antigen 2
UniProt Protein Name	26S proteasome non-ATPase regulatory subunit 3
UniProt Gene Name	PSMD3
UniProt Entry Name	PSMD3_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/psmd3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212301>