

Rabbit anti-Human PSMC6 Polyclonal Antibody | anti-PSMC6 antibody

Rabbit anti-PSMC6 Antibody, Affinity Purified

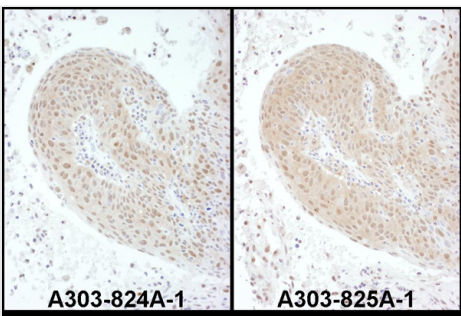
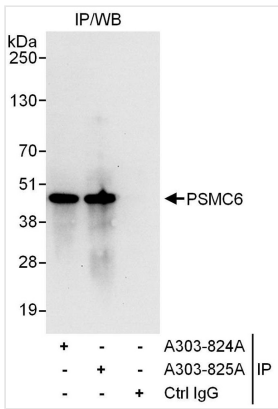
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212299	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

PRODUCT SYNONYMS

PSMC6; Polyclonal Antibody; Rabbit anti-PSMC6 Antibody; Affinity Purified; 26S proteasome AAA-ATPase subunit RPT4; SUG2; proteasome subunit p42; Proteasome 26S subunit ATPase 6; proteasome (prosome; macropain) 26S subunit; ATPase; 6; p42; 26S proteasome regulatory subunit 10B; 26S protease regulatory subunit 10B; proteasome 26S subunit; ATPase 6; anti-PSMC6 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-PSMC6 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse, Bovine
Immunogen	Between 275 and 325
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



IHC (Immunohistochemistry)
Detection of human PSMC6 by immunohistochemistry. Samples: FFPE serial sections of human lung carcinoma. Antibody: Affinity purified rabbit anti-PSMC6 (Cat. No. AAA212299 Lot1, left image and Cat. No. Lot1, right image) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

IP (Immunoprecipitation)
Detection of human PSMC6 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-PSMC6 antibody AAA212299 used for IP at 6 ug/mg lysate. PSMC6 was also immunoprecipitated by rabbit anti-PSMC6 antibody which recognizes a downstream epitope. For blotting immunoprecipitated PSMC6, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMC6 antibody	Proteasome (prosome, macropain) 26S subunit, ATPase, 6 (PSMC6) 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. PSMC6 is one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity [taken from NCBI Entrez Gene (Gene ID: 5706)].
Product Categories/Family for anti-PSMC6 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5706
UniProt Accession #	P62333
UniProt Protein Name	26S protease regulatory subunit 10B
UniProt Gene Name	PSMC6
UniProt Synonym Gene Names	SUG2
UniProt Entry Name	PRS10_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.