

Rabbit anti-Human, Mouse PSME3 Polyclonal Antibody | anti-PSME3 antibody

Rabbit anti-PSME3 Antibody, Affinity Purified

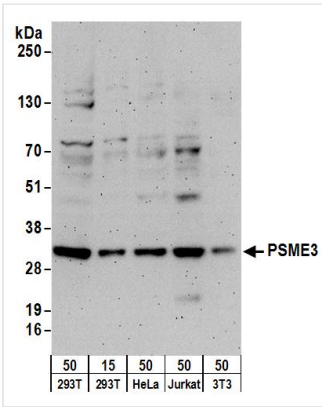
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212340	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PSME3; Polyclonal Antibody; Rabbit anti-PSME3 Antibody; Affinity Purified; PA28gamma; REG-GAMMA; REG gamma-3; 11S regulator complex gamma subunit; proteasome activator complex subunit 3; proteasome activator 28-gamma; proteasome activator 28 subunit gamma; proteasome (prosome; macropain) activator subunit 3 (PA28 gamma); PA28-gamma; PA28 gamma variant 5; Ki nuclear autoantigen; Ki antigen; Ki; HEL-S-283; epididymis secretory protein Li 283; 11S regulator complex subunit gamma; activator of multicatalytic protease subunit 3; PA28G; Proteasome activator complex subunit 3; proteasome activator subunit 3; anti-PSME3 antibody

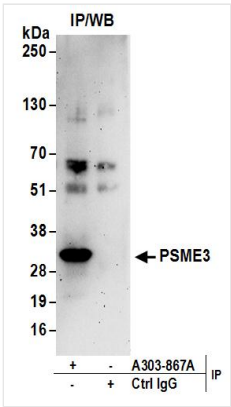
PRODUCT SPECIFICATIONS

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-PSME3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Chicken, Pig, Orangutan
Immunogen	Between 204 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



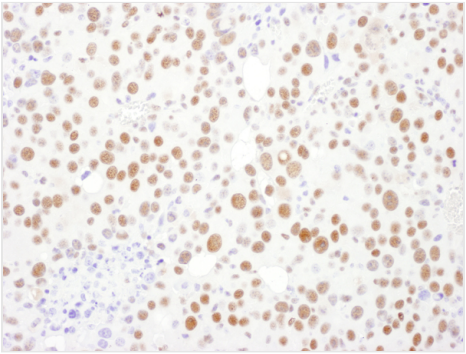
WB (Western Blot)

Detection of human and mouse PSME3 by western blot. Samples: Whole cell lysate from HEK293T (15 and 50 ug), HeLa (50ug), Jurkat (50ug), and mouse NIH 3T3 (50ug) cells. Antibodies: Affinity purified rabbit anti-PSME3 antibody AAA212340 (lot AAA212340-1) used for WB at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



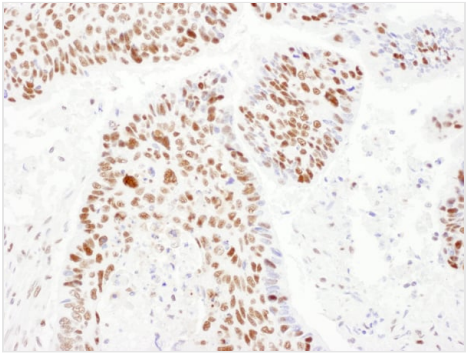
IP (Immunoprecipitation)

Detection of human PSME3 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-PSME3 antibody AAA212340 (lot AAA212340-1) used for IP at 6 ug/mg lysate. For blotting immunoprecipitated, AAA212340 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of mouse PSME3 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-PSME3 (Cat. No. AAA212340 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of human PSME3 by immunohistochemistry. Sample: FFPE section of human non-small cell lung cancer. Antibody: Affinity purified rabbit anti-PSME3 (Cat. No. AAA212340 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PSME3 antibody	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. The immunoproteasome contains an alternate regulator, referred to as the 11S regulator or PA28, that replaces the 19S regulator. Three subunits (alpha, beta and gamma) of the 11S regulator have been identified. PSME3 [proteasome (prosome, macropain) activator subunit 3 (PA28 gamma; Ki)] is the gamma subunit of the 11S regulator [taken from NCBI Entrez Gene (Gene ID: 10197)].
Product Categories/Family for anti-PSME3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410794
NCBI GeneID	10197
NCBI Accession #	NP_005780.2

NCBI GenBank Nucleotide #	NM_005789.3
UniProt Accession #	P61289 ; O35563 ; P97373 ; Q12920 ; Q13172 ; Q9BQD9 ; A8K9A3
Molecular Weight	30,890 Da
NCBI Official Full Name	proteasome activator complex subunit 3 isoform 1
NCBI Official Synonym Full Names	proteasome activator subunit 3
NCBI Official Symbol	PSME3
NCBI Official Synonym Symbols	Ki; PA28G; HEL-S-283; PA28gamma; REG-GAMMA; PA28-gamma
NCBI Protein Information	proteasome activator complex subunit 3
UniProt Protein Name	Proteasome activator complex subunit 3
UniProt Gene Name	PSME3
UniProt Synonym Gene Names	REG-gamma; PA28g; PA28gamma
UniProt Entry Name	PSME3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/psme3-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212340>