

Rabbit PSMC5 Polyclonal Antibody | anti-PSMC5 antibody

PSMC5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37069	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

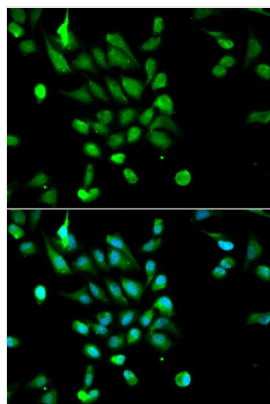
PRODUCT SYNONYMS

PSMC5; Polyclonal Antibody; PSMC5 Polyclonal Antibody; S8; p45; SUG1; SUG-1; TBP10; TRIP1; p45/SUG; anti-PSMC5 antibody

PRODUCT SPECIFICATIONS

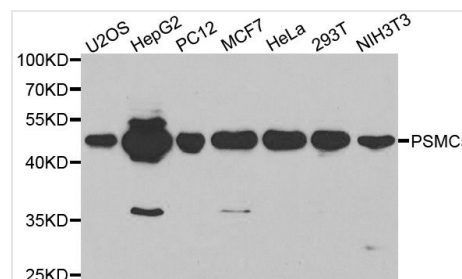
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	406
Applicable Applications for anti-PSMC5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PSMC5
Calculated Molecular Weight	46kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using PSMC5 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMC5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMC5 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. This gene encodes one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. In addition to participation in proteasome functions, this subunit may participate in transcriptional regulation since it has been shown to interact with the thyroid hormone receptor and retinoid X receptor-alpha. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]
Product Categories/Family for anti-PSMC5 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	49065819
NCBI GeneID	5705
UniProt Accession #	P62195; O35051; O43208; P47210; P52915; P52916; A8K3Z3; A8K763
Molecular Weight	406
NCBI Official Full Name	26S protease regulatory subunit 8
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, ATPase, 5
NCBI Official Symbol	PSMC5
NCBI Official Synonym Symbols	S8; p45; SUG1; SUG-1; TBP10; TRIP1; p45/SUG
NCBI Protein Information	26S protease regulatory subunit 8; MSUG1 protein; proteasome subunit p45; thyroid receptor interactor 1; Tat-binding protein homolog 10; proteasome 26S ATPase subunit 5; proteasome 26S subunit ATPase 5; 26S proteasome AAA-ATPase subunit RPT6; thyroid hormone receptor-interacting protein 1
UniProt Protein Name	26S protease regulatory subunit 8
UniProt Gene Name	PSMC5
UniProt Synonym Gene Names	SUG1; TRIP1
UniProt Entry Name	PRS8_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/psmc5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37069>