

Rabbit anti-Human PSMC3 Polyclonal Antibody | anti-PSMC3 antibody

PSMC3 Polyclonal Antibody

CATALOG # AAA281023	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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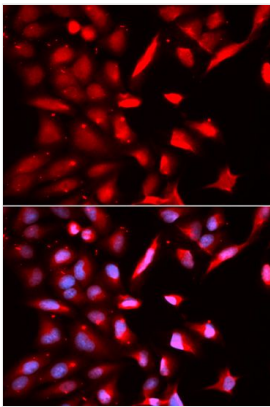
PRODUCT SYNONYMS

PSMC3; Polyclonal Antibody; PSMC3 Polyclonal Antibody; TBP1; anti-PSMC3 antibody

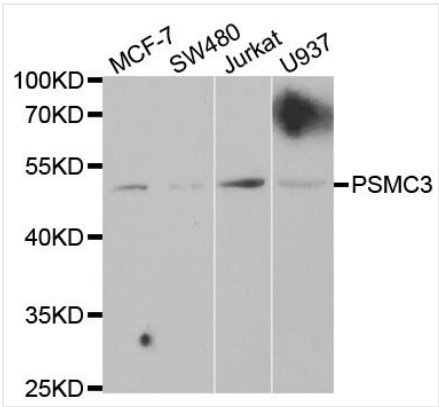
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MEEGGRDKAP VQPQQSPAAA PGGTDEKPSG KERRDAGDKD KEQELSEEDK QLQDELEMLV ERLGEKDTSL YRPALEELRR QIRSSTTSMT SVPKPLKFLR PHYGKLKEIY ENMAPGENKR FAADIISVLA MTMSGERECL KYRLVGSQEE LASWGHEYVR HLAGEVAK EW QELDDAEKVQ
Sequence Length	439
Applicable Applications for anti-PSMC3 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human PSMC3
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Nucleus, P-body
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using PSMC3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PSMC3 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-PSMC3 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 that have chaperone-like activity. This subunit may compete with PSMC2 for binding to the HIV tat protein to regulate the interaction between the viral protein and the transcription complex. A pseudogene has been identified on chromosome 9.
Product Categories/Family for anti-PSMC3 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361144
NCBI GeneID	5702
NCBI Accession #	NP_002795.2
NCBI GenBank Nucleotide #	NM_002804.4
UniProt Accession #	P17980 ; Q3B757 ; Q3B865 ; Q53HU5 ; Q6GPG8 ; Q6IBS1 ; Q96HD3 ; B2R8V1
Molecular Weight	Calculated: 49kDa Observed: 50kDa
NCBI Official Full Name	26S proteasome regulatory subunit 6A
NCBI Official Synonym Full Names	proteasome 26S subunit, ATPase 3
NCBI Official Symbol	PSMC3
NCBI Official Synonym Symbols	TBP1
NCBI Protein Information	26S proteasome regulatory subunit 6A; 26S protease regulatory subunit 6A
UniProt Protein Name	26S proteasome regulatory subunit 6A
UniProt Gene Name	PSMC3

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/psmc3-antibody-immunofluorescence-western-blot-elisa/281023>