

Rabbit PSMC3 Polyclonal Antibody | anti-PSMC3 antibody

PSMC3 Antibody

CATALOG # AAA307704	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total PSMC3 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	439
Applicable Applications for anti-PSMC3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human PSMC3.
Target Name	PSMC3
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using PSMC3 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMC3 antibody.

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	Total protein Ab

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	49,204 Da
NCBI Official Full Name	26S protease 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 protease regulatory subunit 6A
UniProt Protein Name	26S protease regulatory subunit 6A
UniProt Gene Name	PSMC3
UniProt Synonym Gene Names	TBP1; TBP-1
UniProt Entry Name	PRS6A_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/psmc3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/307704>