

Rabbit anti-Human, Mouse PSMC4 Polyclonal Antibody | anti-PSMC4 antibody

PSMC4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37545	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

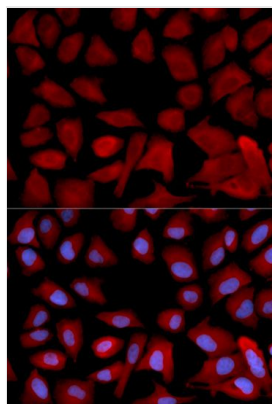
PRODUCT SYNONYMS

PSMC4; Polyclonal Antibody; PSMC4 Polyclonal Antibody; S6; RPT3; TBP7; TBP-7; MIP224; anti-PSMC4 antibody

PRODUCT SPECIFICATIONS

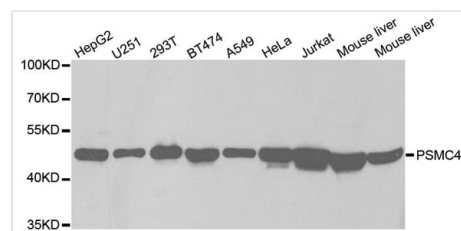
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	418
Applicable Applications for anti-PSMC4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PSMC4
Calculated Molecular Weight	47kDa
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 U2OS cells using PSMC4 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMC4 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. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMC4 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. This gene encodes a member of the triple-A family of ATPases that is a component of the 19S regulatory subunit and plays a role in 26S proteasome assembly. The encoded protein interacts with gankyrin, a liver oncoprotein, and may also play a role in Parkinson's disease through interactions with synphilin-1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Product Categories/Family for anti-PSMC4 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	20532409
NCBI GeneID	5704
UniProt Accession #	P43686; Q96FV5; Q9UBM3; Q9UEX3
Molecular Weight	418
NCBI Official Full Name	26S protease regulatory subunit 6B
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, ATPase, 4
NCBI Official Symbol	PSMC4
NCBI Official Synonym Symbols	S6; RPT3; TBP7; TBP-7; MIP224
NCBI Protein Information	26S protease regulatory subunit 6B; Tat-binding protein 7; protease 26S subunit 6; MB67-interacting protein; 26S proteasome AAA-ATPase subunit RPT3
UniProt Protein Name	26S protease regulatory subunit 6B
UniProt Gene Name	PSMC4
UniProt Synonym Gene Names	MIP224; TBP7; TBP-7
UniProt Entry Name	PRS6B_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/psmc4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37545>