

Rabbit PSMC2 Polyclonal Antibody | anti-PSMC2 antibody

Rabbit anti-PSMC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222865	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

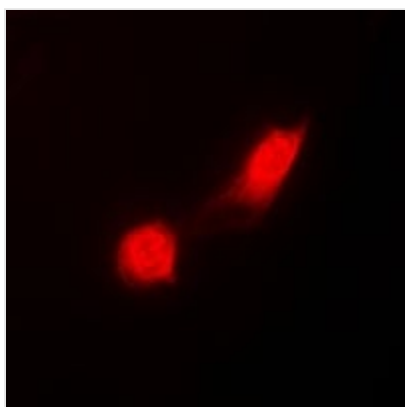
PRODUCT SYNONYMS

PSMC2; Polyclonal Antibody; Rabbit anti-PSMC2 Antibody; MSS1; 26S protease regulatory subunit 7; 26S proteasome AAA-ATPase subunit RPT1; Proteasome 26S subunit ATPase 2; Protein MSS1; anti-PSMC2 antibody

PRODUCT SPECIFICATIONS

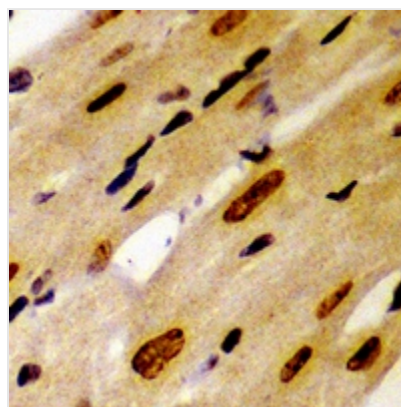
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PSMC2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PSMC2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



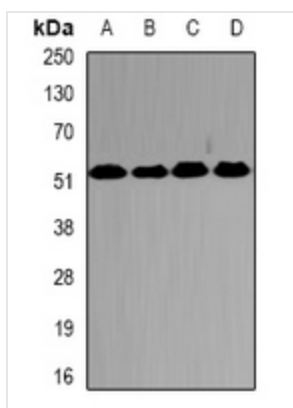
IF (Immunofluorescence)

Immunofluorescent analysis of PSMC2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PSMC2 staining in mouse heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PSMC2 expression in HepG2 (A), SW620 (B), mouse testis (C), mouse brain (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PSMC2 antibody

[Primary antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	325053652
NCBI GeneID	5701
NCBI Accession #	NP_001191382.1
NCBI GenBank Nucleotide #	NM_001204453.1
UniProt Accession #	P35998; P46471; Q63347
Molecular Weight	49kDa
NCBI Official Full Name	26S protease regulatory subunit 7 isoform 2
NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, ATPase, 2
NCBI Official Symbol	PSMC2
NCBI Official Synonym Symbols	S7; MSS1; Nbla10058
NCBI Protein Information	26S protease regulatory subunit 7; protease 26S subunit 7; proteasome 26S subunit ATPase 2; proteasome 26S subunit, ATPase, 2; putative protein product of Nbla10058; 26S proteasome AAA-ATPase subunit RPT1; mammalian suppressor of sgV-1 of yeast
UniProt Protein Name	26S protease regulatory subunit 7
UniProt Gene Name	PSMC2
UniProt Synonym Gene Names	MSS1
UniProt Entry Name	PRS7_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://www.aaabiotech.com/polyclonal/psmc2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222865>