

Rabbit PSMC4 Polyclonal Antibody | anti-PSMC4 antibody

Anti-PSMC4 Antibody Picoband

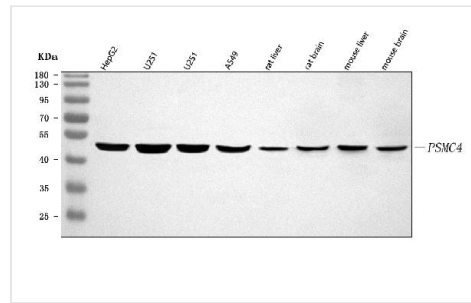
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19860	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

PSMC4; Polyclonal Antibody; Anti-PSMC4 Antibody Picoband; Rhombotin-1; Cysteine-rich protein TTG-1; LIM domain only protein 1; LMO-1; T-cell translocation protein 1; LMO1; RBTN1; RHOM1; TTG1; anti-PSMC4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Expressed mainly in the central nervous. Low level of expression in other tissues including thymus.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-PSMC4 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Application Notes	WB: 0.1-0.25ug/ml, Human, Mouse, Rat IHC(Paraffin-embedded Section): 2-5ug/ml, Human, Mouse ICC/IF: 5ug/ml, Human FC/FACS (Fixed): 1-3ug/1x10 ⁶ cells, Human ELISA: 0.1-0.5ug/ml
Immunogen	E coli-derived human PSMC4 recombinant protein (Position: M1-Q412).
Subcellular Localization	Nucleus
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Cross Reactivity	No cross-reactivity with other proteins.
Protein Function	May be involved in gene regulation within neural lineage cells potentially by DNA binding or by binding to other transcription factors.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



IF (Immunofluorescence)

[illegible]

Related Product Information for anti-PSMC4 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-PSMC4 antibody	Primary Antibodies ; Developmental Families ; Domain Families ; Epigenetics and Nuclear Signaling ; Transcription
References	1. Dubiel, W., Ferrell, K., Rechsteiner, M. Tat-binding protein 7 is a subunit of the 26S protease. Biol. Chem. Hoppe Seyler 375: 237-240, 1994. 2. Ohana, B., Moore, P. A., Ruben, S. M., Southgate, C. D., Green, M. R., Rosen, C. A. The type 1 human immunodeficiency virus Tat binding protein is a transcriptional activator belonging to an additional family of evolutionarily conserved genes. Proc. Nat. Acad. Sci. 90: 138-142, 1993. 3. Sakao, Y., Kawai, T., Takeuchi, O., Copeland, N. G., Gilbert, D. J., Jenkins, N. A., Takeda, K., Akira, S. Mouse proteasomal ATPases Psmc3 and Psmc4: genomic organization and gene targeting. Genomics 67: 1-7, 2000.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/psmc4-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-immunocytochemistry-western-blot-elisa/19860>