

Rabbit PSMC5 Polyclonal Antibody | anti-PSMC5 antibody

PSMC5 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198263	Rabbit	Human , Mouse Predicted Species Reactivity:Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunoprecipitation, Immunohistochemistry

PRODUCT SYNONYMS

PSMC5; Polyclonal Antibody; PSMC5 antibody - C-terminal region; anti-PSMC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human , Mouse Predicted Species Reactivity:Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AE VKGVCTEAGM YALRERRVHV TQEDFEMAVA KVMQKDSEKN MSIKKLWK
Sequence Length	406
Applicable Applications for anti-PSMC5 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry)
Homology	Cow: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PSMC5
Protein Size (# AA)	406 amino acids
Subunit	8
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PSMC5 Antibody Titration: 1.25ug/ml
ELISA Titer: 1:312500
Positive Control: Jurkat cell lysate



WB (Western Blot)

Sample Type: Mouse Brain
Sample Type: 4. rat brain extract (80ug)
Primary Antibody Dilution: 2ug/ml
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR
Bioscience
Secondary Antibody Dilution: 1: 20,000
Image Submitted by: Yuzhi Chen
University of Arkansas for Medical Science



IP (Immunoprecipitation)

Sample Type: Mouse brainAmount and Sample Type :500 ug mouse brain
homogenateAmount of IP Antibody :6 ugPrimary Antibody :PSMC5Primary Antibody Dilution :1:500Secondary Antibody :Goat anti-rabbit Alexa-Fluor 594Secondary Antibody Dilution :1:5000Gene Name :PSMC5Submitted by :Dr. Yuzhi Chen, University of Arkansas for Medical Science



IHC (Immunohistochemistry)

Sample Type :Human brain stem cellsPrimary Antibody Dilution :1:500Secondary Antibody :Goat anti-rabbit Alexa-Fluor 594Secondary Antibody Dilution :1:1000Color/Signal Descriptions :PSMC5: Red DAPI:BlueGene Name :PSMC5Submitted by :Dr. Yuzhi Chen, University of Arkansas for Medical Science

ADDITIONAL INFORMATION

Related Product Information for anti-PSMC5 antibody	This is a rabbit polyclonal antibody against PSMC5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 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.PSMC5 is one of the ATPase subunits, a member of the triple-A family of ATPases which have a chaperone-like activity. In addition to participation in proteasome functions, this subunit may participate in transcriptional regulation since it has been shown to interact with the thyroid hormone receptor and retinoid X receptor-alpha.
Product Categories/Family for anti-PSMC5 antibody	Polyclonal ; Transcription Regulation ; Drugs and Drug Metabolism ; Immunohistochemistry ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497435
NCBI GeneID	5705
NCBI Accession #	NP_002796
NCBI GenBank Nucleotide #	NM_002805
UniProt Accession #	P62195
Molecular Weight	46kDa
NCBI Official Full Name	26S proteasome regulatory subunit 8 isoform 1
NCBI Official Synonym Full Names	proteasome 26S subunit, ATPase 5
NCBI Official Symbol	PSMC5
NCBI Official Synonym Symbols	S8; p45; SUG1; SUG-1; TBP10; TRIP1; p45/SUG
NCBI Protein Information	26S proteasome regulatory subunit 8
UniProt Protein Name	26S protease regulatory subunit 8
UniProt Gene Name	PSMC5
UniProt Synonym Gene Names	SUG1; TRIP1
UniProt Entry Name	PRS8_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/psmc5-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/198263>