

Rabbit PSMC4 Polyclonal Antibody | anti-PSMC4 antibody

PSMC4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200651	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

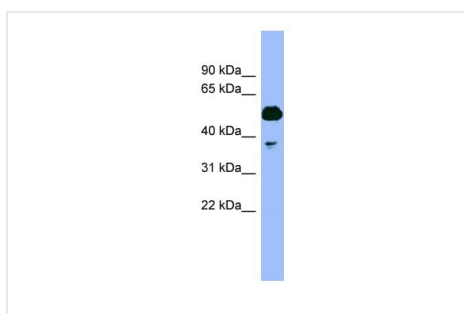
PRODUCT SYNONYMS

PSMC4; Polyclonal Antibody; PSMC4 antibody - N-terminal region; anti-PSMC4 antibody

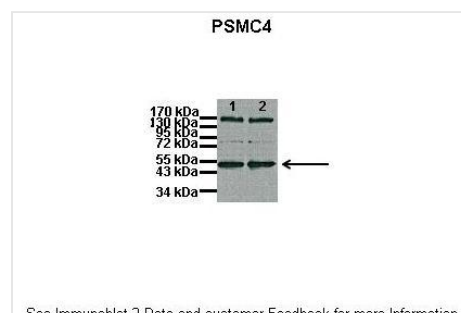
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity 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: ME EIGILVEKAQ DEIPALSVSR PQTGLSFLGP EPEDLEDLYS RYKKLQQE
Sequence Length	418
Applicable Applications for anti-PSMC4 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 90%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PSMC4
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-PSMC4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Muscle


WB (Western Blot)

Lanes: 1: 10ug proteasome fraction from C57B1/6J mouse brain, 2: 10ug proteasome fraction from BLAB/C mouse brain
Primary Antibody Dilution: 1:500
Secondary Antibody: Anti-rabbit HRP
Secondary Antibody Dilution: 1:5000
Gene Name: PSMC4
Submitted by: Dr. Scott Wilson, University of Alabama at Birmingham

ADDITIONAL INFORMATION

Related Product Information for anti-PSMC4 antibody	This is a rabbit polyclonal antibody against PSMC4. 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 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits a
Product Categories/Family for anti-PSMC4 antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729991
NCBI GeneID	5704
NCBI Accession #	NP_006494
NCBI GenBank Nucleotide #	NM_006503
UniProt Accession #	P43686
Molecular Weight	47kDa
NCBI Official Full Name	26S proteasome regulatory subunit 6B isoform 1
NCBI Official Synonym Full Names	proteasome 26S subunit, ATPase 4
NCBI Official Symbol	PSMC4
NCBI Official Synonym Symbols	S6; RPT3; TBP7; TBP-7; MIP224
NCBI Protein Information	26S proteasome regulatory subunit 6B
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.