

Rabbit anti-Human, Mouse PSMC5 Polyclonal Antibody | anti-PSMC5 antibody

PSMC5 Polyclonal Antibody

CATALOG # AAA281097	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PSMC5; Polyclonal Antibody; PSMC5 Polyclonal Antibody; p45; p45/SUG; S8; SUG-1; SUG1; TBP10; TRIP1; anti-PSMC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	LPNKVDPLVS LMMVEKVPDS TYEMIGGLDK QIKEIKEVIE LPVKHPELFE ALGIAQPKGV LLYGPPGTGK TLLARAVAHH TDCTFIRVSG SELVQKFGE GARMVRELFV MAREHAPSII FMDEIDSIGS SRLEGGSGGD SEVQRTMLEL LNQLDGFEAT KNIKVIMATN RIDILDSALL RPGRIDRKIE FPPPNEEARL DILKIHSRKM NLTRGINLRK IAEIMPGASG AEVKGVCTEA GMYALRERRV HVTQE
Sequence Length	398
Applicable Applications for anti-PSMC5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PSMC5
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using PSMC5 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PSMC5 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.

ADDITIONAL INFORMATION

Related Product Information for anti-PSMC5 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. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes 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. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PSMC5 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	312596881
NCBI GeneID	5705
NCBI Accession #	NP_001186092.1
NCBI GenBank Nucleotide #	NM_001199163.1
UniProt Accession #	P62195 ; O35051 ; O43208 ; P47210 ; P52915 ; P52916 ; A8K3Z3 ; A8K763
Molecular Weight	Calculated: 44kDa; 45kDa Observed: 45kDa
NCBI Official Full Name	26S proteasome regulatory subunit 8 isoform 2
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 proteasome regulatory subunit 8
UniProt Gene Name	PSMC5
UniProt Synonym Gene Names	SUG1; TRIP1

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.