



PSMC6 Polyclonal Antibody

Catalog No	BYab-02766
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC
Gene Name	PSMC6
Protein Name	26S protease regulatory subunit 10B
Immunogen	The antiserum was produced against synthesized peptide derived from human PSMC6. AA range:61-110
Specificity	PSMC6 Polyclonal Antibody detects endogenous levels of PSMC6 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PSMC6; SUG2; 26S protease regulatory subunit 10B; 26S proteasome AAA-ATPase subunit RPT4; Proteasome 26S subunit ATPase 6; Proteasome subunit p42
Observed Band	44kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Aorta,Urinary bladder,
Function	function:The 26S protease is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex.,similarity:Belongs to the AAA ATPase family.,subunit:Found in the multi-protein complexes: the 26S proteasome (formed from the 20S proteasome and PA700), and the modulator. PA700 consists of 28 subunits arranged to form a cylinder-shaped complex by four stacked rings, each containing seven subunits. Interacts with PAAF1.,

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**Background**

proteasome 26S subunit, ATPase 6(PSMC6) Homo sapiens 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. Pseudogenes have been identified on chrom

matters needing attention

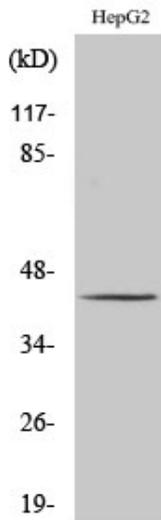
Avoid repeated freezing and thawing!

Usage suggestions

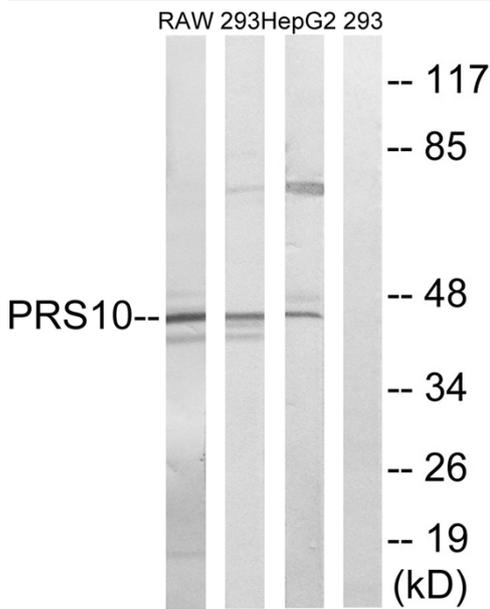
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



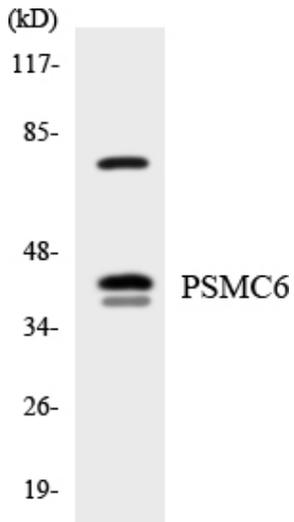
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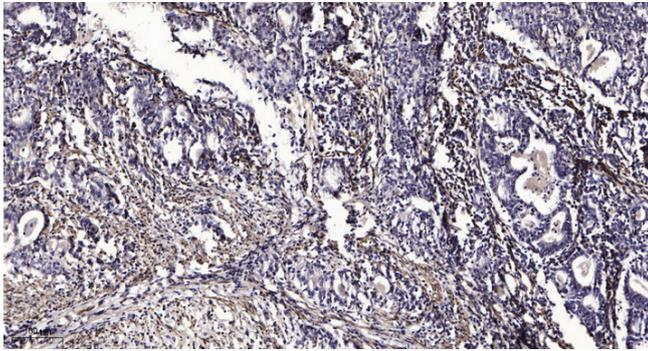
Western Blot analysis of various cells using PSMC6 Polyclonal Antibody



Western blot analysis of lysates from HepG2, 293, and RAW264.7 cells, using PSMC6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using PSMC6 antibody.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).