

产品名称: PSMC6 Rabbit Polyclonal Antibody
产品货号: APRab16614



产品概述 (Summary)

产品名称 (Production Name)	PSMC6 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PSMC6 PSMC6; SUG2; 26S protease regulatory subunit 10B; 26S proteasome AAA-ATPase subunit RPT4; Proteasome 26S subunit ATPase 6; Proteasome subunit p42
别名 (Alternative Names)	
基因 ID (Gene ID)	5706.0
蛋白 ID (SwissProt ID)	P62333.The antiserum was produced against synthesized peptide derived from human PSMC6. AA range:61-110

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	44kDa

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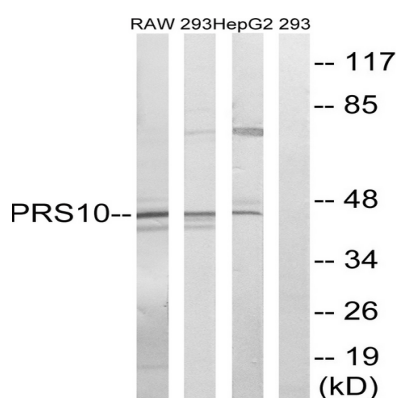
研究背景 (Background)

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 chromfunction: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.,

研究领域 (Research Area)

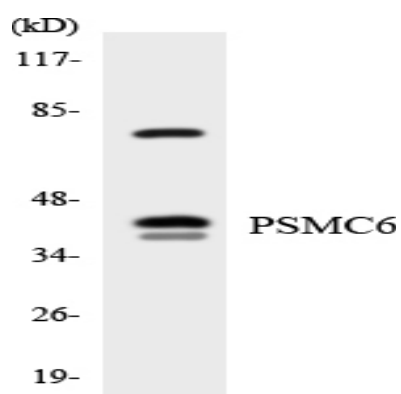
Proteasome;

图片 (Image Data)

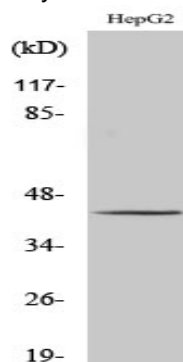


Western blot analysis of lysates from HepG2, 293, and RAW264.7 cells, using PSMC6 Antibody. The lane on the right is blocked with the synthesized peptide.

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



Western Blot analysis of various cells using PSMC6 Polyclonal Antibody

注意事项 (Note)

For research use only .