

产品名称: PSMC3 Rabbit Polyclonal Antibody
产品货号: APRab16612



产品概述 (Summary)

产品名称 (Production Name)	PSMC3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	PSMC3 PSMC3; TBP1; 26S protease regulatory subunit 6A; 26S proteasome AAA-ATPase subunit RPT5; Proteasome 26S subunit ATPase 3; Proteasome subunit P50; Tat-binding protein 1; TBP-1
别名 (Alternative Names)	
基因 ID (Gene ID)	5702.0
蛋白 ID (SwissProt ID)	P17980.The antiserum was produced against synthesized peptide derived from human PRS6A. AA range:271-320

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	45kDa

产品名称: PSMC3 Rabbit Polyclonal Antibody
产品货号: APRab16612



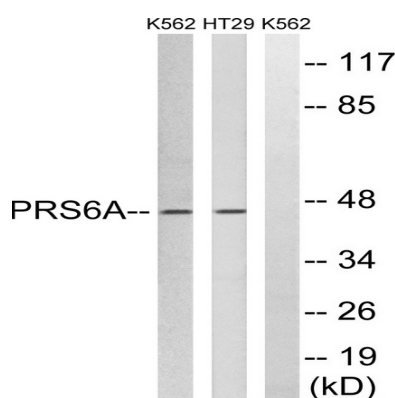
研究背景 (Background)

proteasome 26S subunit, ATPase 3(PSMC3) 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 that have chaperone-like activity. This subunit may compete with PSMC2 for bindifunction: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 (By similarity). In case of HIV-1 infection, suppresses Tat-mediated transactivation.,PTM:Sumoylated by UBE2I in response to MEKK1-mediated stimuli.,similarity:Belongs to the AAA ATPase family.,subunit:May form a heterodimer with a related family member. Interacts with PAAF1. Interacts with HIV-1 Tat,

研究领域 (Research Area)

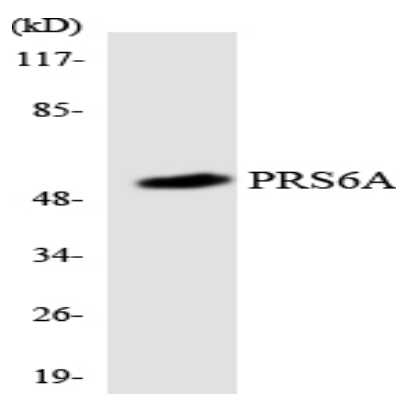
Proteasome;

图片 (Image Data)



Western blot analysis of lysates from K562 and HT-29 cells, using PRS6A Antibody. The lane on the right is blocked with the synthesized peptide.

产品名称: PSMC3 Rabbit Polyclonal Antibody
产品货号: APRab16612



Western blot analysis of the lysates from HT-29 cells using PRS6A antibody.

注意事项 (Note)

For research use only .