

产品名称: PSMD2 Rabbit Polyclonal Antibody
产品货号: APRab16619



产品概述 (Summary)

产品名称 (Production Name)	PSMD2 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)	PSMD2 PSMD2; TRAP2; 26S proteasome non-ATPase regulatory subunit 2; 26S proteasome regulatory subunit RPN1; 26S proteasome regulatory subunit S2; 26S proteasome subunit p97; Protein 55.11; Tumor necrosis factor type 1 receptor-associated protein
别名 (Alternative Names)	
基因 ID (Gene ID)	5708.0
蛋白 ID (SwissProt ID)	Q13200.The antiserum was produced against synthesized peptide derived from human PSMD2. AA range:101-150

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
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蛋白分子量 (Molecular Weight) 100kDa

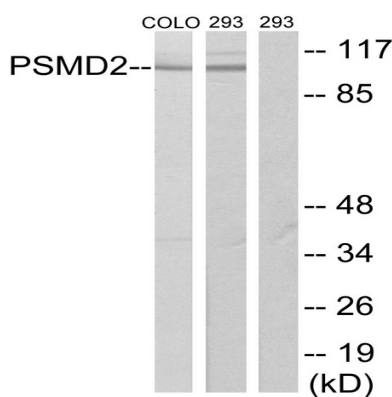
研究背景 (Background)

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 non-ATPase subunits of the 19S regulator lid. In addition to participation in proteasome function, this subunit may also participate in other functions: Acts as a regulatory subunit of the 26 proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins., function: Binds to the intracellular domain of tumor necrosis factor type 1 receptor. The binding domain of TRAP1 and TRAP2 resides outside the death domain of TNFR1., similarity: Belongs to the proteasome subunit S2 family., similarity: Contains 7 PC repeats., tissue specificity: Found in skeletal muscle, liver, heart, brain, kidney, pancreas, lung and placenta.,

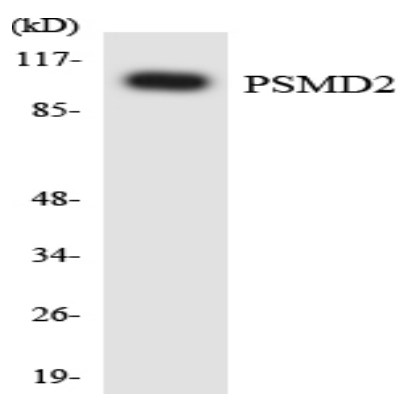
研究领域 (Research Area)

Proteasome;

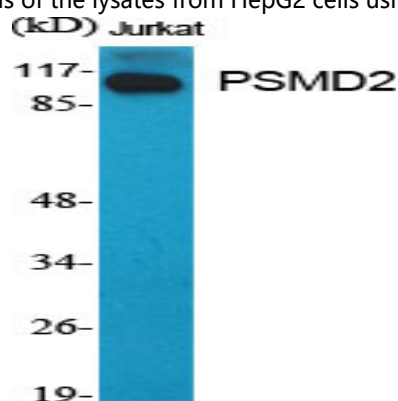
图片 (Image Data)



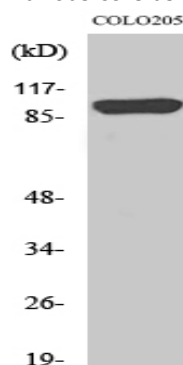
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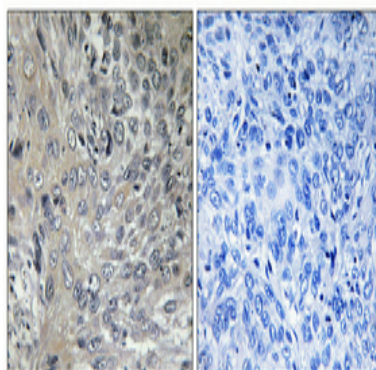
Western blot analysis of the lysates from HepG2 cells using PSMD2 antibody.



Western Blot analysis of various cells using PSMD2 Polyclonal Antibody



Western Blot analysis of 293 cells using PSMD2 Polyclonal Antibody



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Immunohistochemical analysis of paraffin-embedded Human cervix cancer. Antibody was diluted at 1:100 (4°,overnight) .
High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from
antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .