

产品名称: PSMD12 Rabbit Polyclonal Antibody
产品货号: APRab16617



产品概述 (Summary)

产品名称 (Production Name)	PSMD12 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)	PSMD12
别名 (Alternative Names)	PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55
基因 ID (Gene ID)	5718.0
蛋白 ID (SwissProt ID)	O00232.The antiserum was produced against synthesized peptide derived from human PSMD12. AA range:151-200

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)	50kDa

产品名称: PSMD12 Rabbit Polyclonal Antibody
产品货号: APRab16617



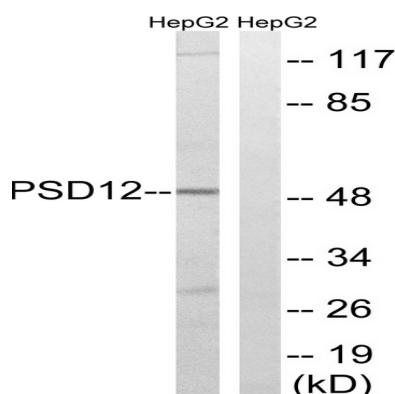
研究背景 (Background)

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 a non-ATPase subunit of the 19S regulator. A pseudogene has been identified on chromosome 3. Alternatively spliced transcript variants encoding function: Acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins., similarity: Belongs to the proteasome subunit p55 family., similarity: Contains 1 PCI domain., subunit: Component of the PA700 complex.,

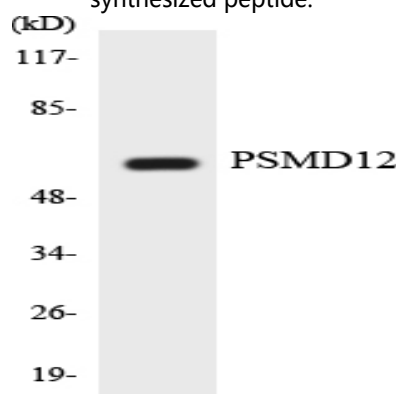
研究领域 (Research Area)

Proteasome;

图片 (Image Data)

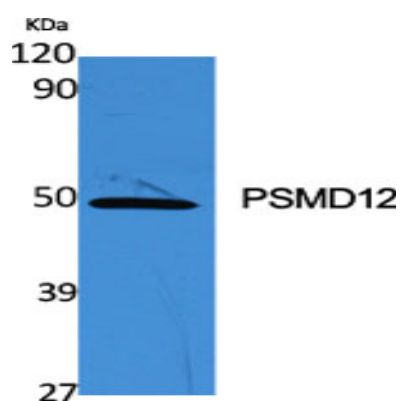


Western blot analysis of lysates from HepG2 cells, using PSMD12 Antibody. The lane on the right is blocked with the synthesized peptide.

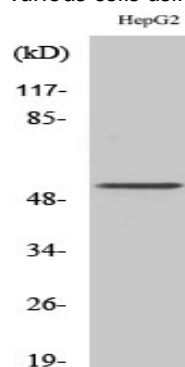


Western blot analysis of the lysates from HT-29 cells using PSMD12 antibody.

产品名称: PSMD12 Rabbit Polyclonal Antibody
产品货号: APRab16617



Western Blot analysis of various cells using PSMD12 Polyclonal Antibody



Western Blot analysis of HepG2 cells using PSMD12 Polyclonal Antibody

注意事项 (Note)

For research use only .