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PSMD12 Polyclonal Antibody

Catalog # AP72070

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	O00232
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52904

Additional Information

Gene ID	5718
Other Names	PSMD12; 26S proteasome non-ATPase regulatory subunit 12; 26S proteasome regulatory subunit RPN5; 26S proteasome regulatory subunit p55
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

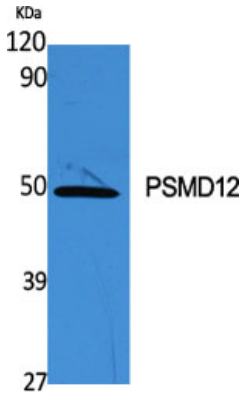
Name	PSMD12
Function	Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.

Background

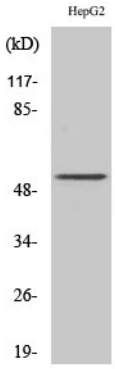
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Images



Western Blot analysis of various cells using PSMD12 Polyclonal Antibody



Western Blot analysis of HepG2 cells using PSMD12 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.