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PSMD2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50754

Product Information

Application	WB
Primary Accession	Q13200
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	100200

Additional Information

Gene ID	5708
Other Names	26S proteasome non-ATPase regulatory subunit 2, 26S proteasome regulatory subunit RPN1, 26S proteasome regulatory subunit S2, 26S proteasome subunit p97, Protein 5511, Tumor necrosis factor type 1 receptor-associated protein 2, PSMD2, TRAP2
Dilution	WB~~1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

Protein Information

Name	PSMD2
Synonyms	TRAP2
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.
Tissue Location	Found in skeletal muscle, liver, heart, brain, kidney, pancreas, lung and placenta

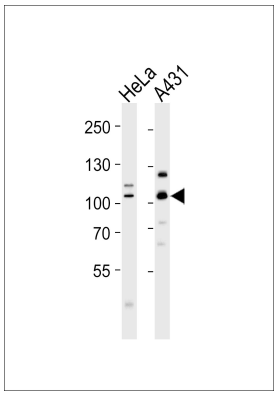
Background

Acts as a regulatory subunit of the 26 proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins.

References

Tsurumi C.,et al.Eur. J. Biochem. 239:912-921(1996).
Kalnine N.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Dunbar J.D.,et al.J. Immunol. 158:4252-4259(1997).
Boldin M.P.,et al.FEBS Lett. 367:39-44(1995).
Olsen J.V.,et al.Cell 127:635-648(2006).

Images



Western blot analysis of lysates from Hela,A431 cell line (from left to right),using PSMD2 Antibody(AP50754). AP50754 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

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