

PSMD2 Polyclonal Antibody

Catalog # AP72072

Product Information

Application WB, IHC-P, IF Primary Accession O13200

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 100200

Additional Information

Gene ID 5708

Other Names 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

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other

applications. IHC-P~~N/A IF~~1:50~200

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

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.

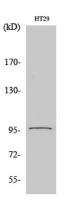
Tissue Location Found in skeletal muscle, liver, heart, brain, kidney, pancreas, lung and

placenta

Background

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.

Images



Western Blot analysis of various cells using PSMD2 Polyclonal Antibody

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