

Recombinant Anti-PSMD4 Rabbit mAb

Catalog # AP95301

Product Information

Application	WB, FC, IP
Primary Accession	P55036
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	40737

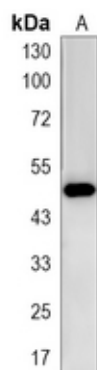
Additional Information

Gene ID	5710
Other Names	MCB1; 26S proteasome non-ATPase regulatory subunit 4; 26S proteasome regulatory subunit RPN10; 26S proteasome regulatory subunit S5A; Antisecretory factor 1; AF; ASF; Multiubiquitin chain-binding protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human PSMD4 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IP~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PSMD4
Synonyms	MCB1
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. PSMD4 acts as an ubiquitin receptor subunit through ubiquitin- interacting motifs and selects ubiquitin-conjugates for destruction. Displays a preferred selectivity for longer polyubiquitin chains.

Images



Western blot analysis of PSMD4 expression in K562 (A) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 50 kD)

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