

Immunotag™ PSMC4 Antibody

Antibody Specification	
Catalog No.	ITA7050
Product Description	Immunotag™ PSMC4 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PSMC4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PSMC4
Specificity	PSMC4 Antibody detects endogenous levels of total PSMC4
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PSMC4
Accession No.	P43686
Alternate Names	26S protease regulatory subunit 6B; 26S proteasome AAA ATPase subunit RPT3; 26S proteasome AAA-ATPase subunit RPT3; MB67 interacting protein; MB67-interacting protein; MIP224; Protease 26S subunit 6; Proteasome (prosome macropain) 26S subunit ATPase 4; Proteasome 19S S6; Proteasome 26S subunit ATPase 4; Proteasome 26S subunit, ATPase, 4; PRS6B_HUMAN; PSMC4; RPT3; S6; Tat binding protein 7; TAT-binding protein 7; TBP 7; TBP-7;

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Description	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. PSMC4 belongs to the heterohexameric ring of AAA (ATPases associated with diverse cellular activities) proteins that unfolds ubiquitinated target proteins that are concurrently translocated into a proteolytic chamber and degraded into peptides.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	47kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.