G-Biosciences Image not found or type unknown

Immunotag™ PSMC6 Antibody

Antibody Specification

Catalog No.	ITA7373
Product Description	Immunotag™ PSMC6 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	PSMC6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PSMC6
Specificity	PSMC6 Antibody detects endogenous levels of total PSMC6
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	PSMC6
Accession No.	P62333
Alternate Names	26S protease regulatory subunit 10B; 26S protease regulatory subunit S10B; 26S proteasome AAA-ATPase subunit RPT4; CADP44; P44; Proteasome 26S subunit ATPase 6; Proteasome subunit p42; PRS10_HUMAN; PSMC6; Rpt4; SUG2;

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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. PSMC6 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	44kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.