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Datasheet for ABIN7142227

anti-PSMC6 antibody (Regulatory Subunit 10B) (Biotin)

Overview

Quantity:	100 µg
Target:	PSMC6
Binding Specificity:	AA 1-260, Regulatory Subunit 10B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMC6 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human 26S proteasome regulatory subunit 10B protein (1-260AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PSMC6
Alternative Name:	PSMC6 (PSMC6 Products)
Background:	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

Target Details

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.

Aliases: 26S protease regulatory subunit 10B antibody, 26S protease regulatory subunit S10B antibody, 26S proteasome AAA-ATPase subunit RPT4 antibody, CADP44 antibody, P44 antibody, Proteasome 26S subunit ATPase 6 antibody, Proteasome subunit p42 antibody, PRS10_HUMAN antibody, PSMC6 antibody, Rpt4 antibody, SUG2 antibody

UniProt: [P62333](#)

Pathways: [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Synthesis of DNA](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.