

Datasheet for ABIN7142233

**anti-PSMC3 antibody (Regulatory Subunit 6A) (HRP)**[Go to Product page](#)

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg                                   |
| Target:              | PSMC3                                    |
| Binding Specificity: | AA 1-300, Regulatory Subunit 6A          |
| Reactivity:          | Human                                    |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This PSMC3 antibody is conjugated to HRP |
| Application:         | ELISA                                    |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant Human 26S proteasome regulatory subunit 6A protein (1-300AA) |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | >95%, Protein G purified   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | PSMC3   |
| Alternative Name: | PSMC3 ( <a href="#">PSMC3 Products</a> )  |
| 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. PSMC3 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 6A antibody, 26S proteasome AAA-ATPase subunit RPT5 antibody, Human immunodeficiency virus tat transactivator binding protein 1 antibody, MGC8487 antibody, Proteasome (prosome macropain) 26S subunit ATPase 3 antibody, Proteasome 26S ATPase subunit 3 antibody, Proteasome 26S subunit ATPase 3 antibody, Proteasome subunit P50 antibody, PRS6A\_HUMAN antibody, PSMC 3 antibody, PSMC3 antibody, Tat binding protein 1 antibody, TAT-binding protein 1 antibody, TBP-1 antibody, TBP1 antibody

|           |  |
|-----------|--|
| UniProt:  | <a href="#">P17980</a>   |
| Pathways: | <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Ubiquitin Proteasome Pathway</a> |

## 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<br>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.   |