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Datasheet for ABIN7450610

**anti-PSMD13 antibody (AA 326-376)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg  |
| Target:              | PSMD13  |
| Binding Specificity: | AA 326-376                                      |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This PSMD13 antibody is un-conjugated           |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP) |

## Product Details

|                       |  |
|-----------------------|--|
| Purpose:              | Rabbit anti-PSMD13 Antibody, Affinity Purified |
| Immunogen:            | Between AA 326 and 376                         |
| Isotype:              | IgG  |
| Predicted Reactivity: | Bovine   |
| Purification:         | Affinity Purified                              |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | PSMD13  |
| Alternative Name: | PSMD13 ( <a href="#">PSMD13 Products</a> )  |
| Background:       | Background: Proteasome (prosome, macropain) 26S subunit, non-ATPase, 13 (PSMD13) is a |

## Target Details

subunit of the 26S proteasome, a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits, 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. PSMD13 is a non-ATPase subunit of the 19S regulator. [taken from NCBI Entrez Gene (Gene ID: 5719)].

Gene ID: 5719

NCBI Accession: [NP\\_002808](#)

UniProt: [Q9UNM6](#)

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

## Application Details

Application Notes: IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months