

Datasheet for ABIN6243738  
**anti-PSMB9 antibody (AA 189-219)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	PSMB9
Binding Specificity:	AA 189-219
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMB9 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This PSMB9 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 189-219 amino acids from the human region of human PSMB9.
Clone:	RB53298
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PSMB9
Alternative Name:	PSMB9 ( <a href="#">PSMB9 Products</a> )
Background:	The proteasome is a multicatalytic proteinase complex which is characterized by its ability to

## Target Details

cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH . The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides. Replacement of PSMB6 by PSMB9 increases the capacity of the immunoproteasome to cleave model peptides after hydrophobic and basic residues.

Molecular Weight: 23264

UniProt: [P28065](#)

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

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

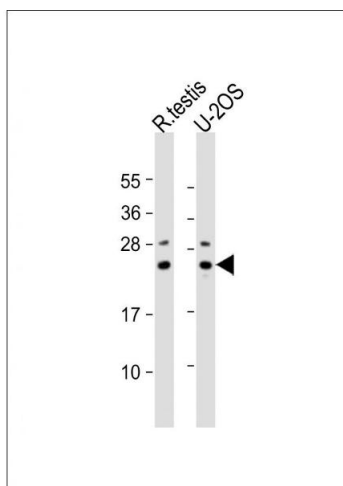
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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,-20 °C

Expiry Date: 6 months



#### Western Blotting

**Image 1.** All lanes : Anti-PSMB9 Antibody (CTerm) at 1:2000 dilution Lane 1: rat testis lysate Lane 2: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.