

Datasheet for ABIN2452114

**anti-PSMD12 antibody**[Go to Product page](#)**1** Image**3** Publications

## Overview

Quantity:	100 µL
Target:	PSMD12
Reactivity:	Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

## Product Details

Immunogen:	Recombinant yeast Rpn5p expressed in E. coli
Isotype:	IgG
Characteristics:	Product: Rabbit polyclonal antibody affinity purified with recombinant Rpn5p
Purification:	Affinity purified

## Target Details

Target:	PSMD12
Alternative Name:	Rpn5 ( <a href="#">PSMD12 Products</a> )
Background:	Background: The 26 S proteasome is a protein complex with a molecular mass of 2000 kDa. It is essential not only for eliminating damaged or misfolded proteins but also for degrading short lived regulatory proteins involved in cell cycle regulation, DNA repair, signal transduction, apoptosis, and metabolic regulation. Rpn5p is essential, non-ATPase regulatory subunit of the

## Target Details

26S proteasome lid, similar to mammalian p55 subunit and to another *S. cerevisiae* regulatory subunit, Rpn7. It consists of 445 amino acids with molecular weight of 51,768.

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

## Application Details

Application Notes: 1) Western blotting: ~1000 fold dilution  
2) Immunoprecipitation Not tested for other applications

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: 100 mM NaCl, 10 mM Tris-HCl pH 7.4, 0.05 % 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.

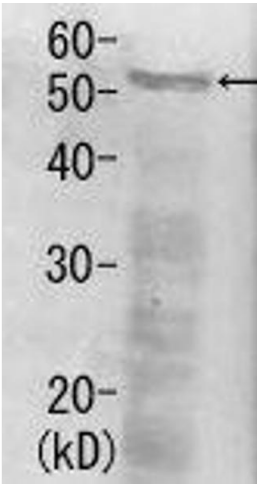
Handling Advice: To avoid repeated freezing and thawing, store the antibody solution in aliquots.

Storage: -20 °C

## Publications

Product cited in: Aaronson, Bottaro, Miki, Ron, Finch, Fleming, Ahn, Taylor, Rubin: "Keratinocyte growth factor. A fibroblast growth factor family member with unusual target cell specificity." in: **Annals of the New York Academy of Sciences**, Vol. 638, pp. 62-77, (1992) ([PubMed](#)).

Rubin, Osada, Finch, Taylor, Rudikoff, Aaronson: "Purification and characterization of a newly identified growth factor specific for epithelial cells." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 86, Issue 3, pp. 802-6, (1989) ([PubMed](#)).



Western Blotting

Image 1.