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Datasheet for ABIN7451497  
**anti-PSMD12 antibody (AA 406-456)**

### Overview

Quantity:	100 µg
Target:	PSMD12
Binding Specificity:	AA 406-456
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMD12 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-PSMD12 Antibody, Affinity Purified
Immunogen:	Between AA 406 and 456
Isotype:	IgG
Predicted Reactivity:	Mouse,Bovine,Orangutan
Purification:	Affinity Purified

### Target Details

Target:	PSMD12
Alternative Name:	PSMD12 ( <a href="#">PSMD12 Products</a> )
Background:	Background: Proteasome (prosome, macropain) 26S subunit, non-ATPase, 12 (PSMD12) is a

## Target Details

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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. PSMD12 is a non-ATPase subunit of the 19S regulator. [taken from NCBI Entrez Gene (Gene ID: 5718)].

Gene ID:	5718
NCBI Accession:	<a href="#">NP_002807</a>
UniProt:	<a href="#">O00232</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

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Application Notes:	IP: 2 - 10 µg/mg lysate WB: Not recommended
Restrictions:	For Research Use only

## Handling

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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