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# Product datasheet for TA330261

### **PSMD11 Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PSMD11 antibody: synthetic peptide directed towards the N terminal of human PSMD11. Synthetic peptide located within the following region: MAAAAVVEFQRAQSLLSTDREASIDILHSIVKRDIQENDEEAVQVKEQSI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47 kDa
Gene Name:	proteasome 26S subunit, non-ATPase 11
Database Link:	<u>NP_002806</u> <u>Entrez Gene 5717 Human</u> <u>000231</u>



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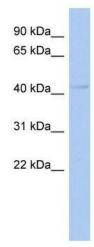
#### **GRIGENE** PSMD11 Rabbit Polyclonal Antibody – TA330261

Background:	The 26S proteasome is 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. This gene encodes a member of the proteasome subunit S9 family that functions as a non-ATPase subunit of the 19S regulator and is phosphorylated by AMP-activated protein kinase. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]
Synonyms:	p44.5; Rpn6; S9

Note:Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:<br/>100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 77%Protein Families:Stem cell - Pluripotency

Protein Pathways: Proteasome

## **Product images:**



WB Suggested Anti-PSMD11 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: OVCAR-3 cell lysatePSMD11 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells

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