

## Product datasheet for **TA330261**

### PSMD11 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	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. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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:	<a href="#">NP_002806</a> <a href="#">Entrez Gene 5717 Human</a> <a href="#">O00231</a>



[View online »](#)

**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: 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 lysate PSMD11 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells