

For Research Use Only

# PSMD8 Polyclonal antibody

Catalog Number: 27504-1-AP



## Basic Information

<b>Catalog Number:</b> 27504-1-AP	<b>GenBank Accession Number:</b> BC001164	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5714	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P48556	
<b>Isotype:</b> IgG	<b>Full Name:</b> proteasome (prosome, macropain) 26S subunit, non-ATPase, 8	
<b>Immunogen Catalog Number:</b> AG26567	<b>Calculated MW:</b> 257 aa, 30 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, Mouse	<b>WB :</b> NIH/3T3 cells, <b>IF/ICC :</b> U2OS cells,

## Background Information

The Proteasome 26S Subunit, Non-ATPase (PSMD) gene family, which includes the PSMD1 to PSMD14, regulate ubiquitinated protein breakdown in circulation as well as tumorigenesis. Studies have shown that PSMD8 interacts with the sperm adhesin AQN1 to limit polyfertilization. PSMD8 was more expressed in normal skeletal muscle, cardiac muscle, and tongue muscle; among malignant tumors, PSMD8 was expressed in ovarian cancer, testicular cancer, glioma, and melanoma (PMID:37349676).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

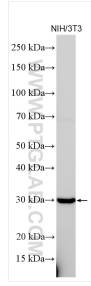
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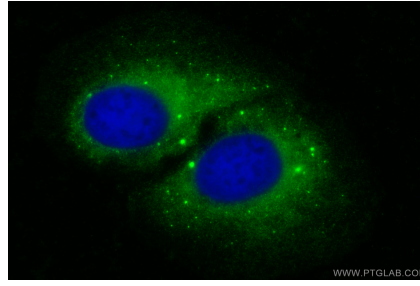
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## Selected Validation Data



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 27504-1-AP (PSMD8 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using PSMD8 antibody (27504-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).