

For Research Use Only

PSMD12 Recombinant antibody

Catalog Number: 86200-3-RR



Basic Information

Catalog Number:	86200-3-RR	GenBank Accession Number:	BC019062	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	5718	CloneNo.:	250848B1
Source:	Rabbit	UNIPROT ID:	O00232	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG	Full Name:	proteasome (prosome, macropain) 26S subunit, non-ATPase, 12		
Immunogen Catalog Number:	AG1957	Calculated MW:	456 aa, 53 kDa		
		Observed MW:	50-55 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:	
Species Specificity:	human, mouse, rat	WB:	HeLa cells, MCF-7 cells, HT-29 cells, HepG2 cells, mouse heart tissue, mouse lung tissue, rat lung tissue

Background Information

Proteasome 26S subunit, non-ATPase 12 (PSMD12; also known as RPNS) was first discovered in fission yeast. It is a non-ATPase subunit of the 19S regulator of the 26S proteasome complex, which is involved in regulating the cell cycle, repairing DNA damage, and regulating apoptosis by mediating the internal protein balance through the removal of misfolded proteins or damaged intracellular substructures. In addition, PSMD12 contributes to tumor cell growth and apoptosis in breast cancer. (PMID: 33987398)

Storage

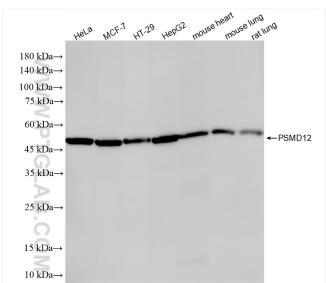
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86200-3-RR (PSMD12 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.