

For Research Use Only

PSMD10/Gankyrin Recombinant antibody, PBS Only

Catalog Number: 86120-2-PBS



Basic Information

Catalog Number:	86120-2-PBS	GenBank Accession Number:	BC011960	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	5716	CloneNo.:	250170D7
Source:	Rabbit	UNIPROT ID:	O75832		
Isotype:	IgG	Full Name:	proteasome (prosome, macropain)		
Immunogen Catalog Number:	AG2994	26S subunit, non-ATPase, 10			
		Calculated MW:	226 aa, 24 kDa		
		Observed MW:	24-28 kDa		

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

PSMD10, also known as Gankyrin, is a subunit of the 19S regulatory particle of the proteasome and plays a crucial role in protein degradation. It is a small, 25 kDa cytoplasmic-nuclear shuttling protein, highly conserved throughout evolution (~40% identity to yeast Nas6p). PSMD10 is involved in the regulation of cell cycle progression and apoptosis by interacting with key proteins such as p53 and Rb. PSMD10 has been identified as an oncoprotein, promoting tumor cell proliferation and survival in various cancers (PMID: 16581249, PMID: 31576540).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

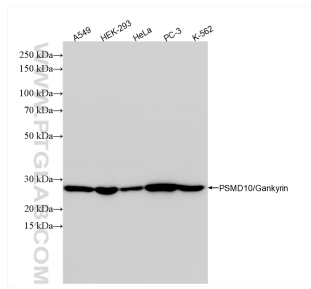
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86120-2-RR (PSMD10/Gankyrin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86120-2-PBS in a different storage buffer formulation.