

For Research Use Only

GPN2 Polyclonal antibody, PBS Only

Catalog Number: 33504-1-PBS



Basic Information

Catalog Number: 33504-1-PBS	GenBank Accession Number: NM_018066.3	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 54707	
Source: Rabbit	UNIPROT ID: Q9H9Y4	
Isotype: IgG	Full Name: GPN-loop GTPase 2	
Immunogen Catalog Number: AG39635	Calculated MW: 35kDa 310aa	
	Observed MW: 32 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Gpn2 is a highly conserved protein essential for the assembly of RNA polymerase II (RNAPII) in eukaryotic cells. Mutations in Gpn2, specifically Phe105Tyr and Leu164Pro, confer temperature sensitivity and significantly impair RNAPII assembly (PMID: 39642114).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

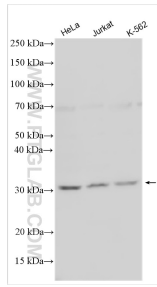
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33504-1-AP (GPN2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33504-1-PBS in a different storage buffer formulation.