

For Research Use Only

# GPN2 Polyclonal antibody, PBS Only

Catalog Number: 33504-1-PBS



## Basic Information

Catalog Number:

33504-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG39635

GenBank Accession Number:

NM\_018066.3

GeneID (NCBI):

54707

UNIPROT ID:

Q9H9Y4

Full Name:

GPN-loop GTPase 2

Calculated MW:

35kDa, 310aa

Observed MW:

32 kDa

Purification Method:

Antigen affinity Purification

## 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.

**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:

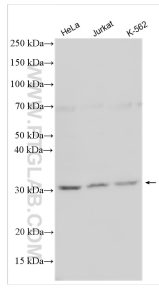
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

**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 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.