

For Research Use Only

# GPN2 Polyclonal antibody

Catalog Number: 33504-1-AP



## Basic Information

Catalog Number:

33504-1-AP

Concentration:

500 ug/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

Recommended Dilutions:

WB: 1:500-1:3000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, Jurkat cell, K-562 cells

## 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 -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

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

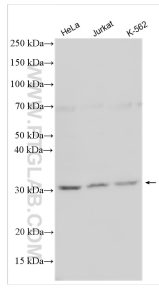
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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.