

For Research Use Only

NHP2 Recombinant monoclonal antibody

Catalog Number:86677-1-RR



Basic Information

Catalog Number:

86677-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7251

GenBank Accession Number:

BC000009

GeneID (NCBI):

55651

UNIPROT ID:

Q9NX24

Full Name:

NHP2 ribonucleoprotein homolog (yeast)

Calculated MW:

17 kDa

Observed MW:

17-22 kDa

Purification Method:

Protein A purification

CloneNo.:

251700B11

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:250-1:1000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : Caco-2 cells, Jurkat cells, HeLa cells, SH-SY5Y cells, K-562 cells

IF/ICC : HepG2 cells,

Background Information

NHP2 belongs to the H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA. It is required for ribosome biogenesis and telomere maintenance, and for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.

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:

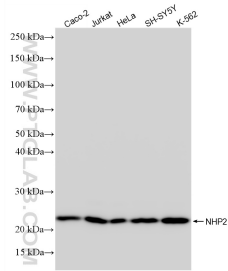
T: 4006900926

E: Proteintech-CN@ptglab.com

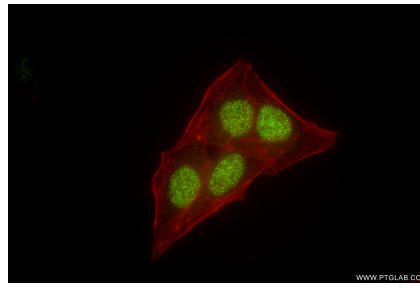
W: ptgcn.com

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Selected Validation Data



Caco-2 cells were subjected to SDS PAGE followed by western blot with 86677-1-RR (NHP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NHP2 antibody (86677-1-RR, Clone: 251700B11) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).