

For Research Use Only

KNOP1 Polyclonal antibody

Catalog Number: 30115-1-AP



Basic Information

Catalog Number:

30115-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32395

GenBank Accession Number:

NM_001012991.2

GeneID (NCBI):

400506

UNIPROT ID:

Q1ED39

Full Name:

chromosome 16 open reading frame
88

Calculated MW:

52 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:2000-1:14000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, U-251 cells, MCF-7 cells

IF/ICC : MCF-7 cells,

Background Information

Lysine-rich nucleolar protein 1 (KNOP1) is a nucleolar protein that interacts with zinc finger 106 protein. Also known as Tsg118, it was first reported in 1999 (3). KNOP1 is predominantly expressed in proliferating somatic cells and in male germ cells, and may therefore be involved in testicular development. (PMID: 37588747)

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:

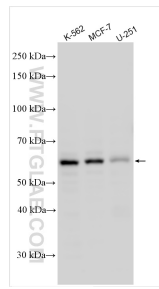
T: 4006900926

E: Proteintech-CN@ptglab.com

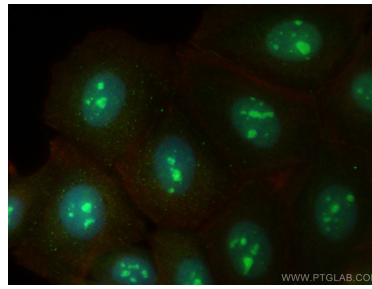
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30115-1-AP (KNOP1 antibody) at dilution of 1:7000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using KNOP1 antibody (30115-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).