

For Research Use Only

COPS7B Polyclonal antibody, PBS Only

Catalog Number: 32695-1-PBS



Basic Information

Catalog Number:

32695-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38543

GenBank Accession Number:

NM_022730.3

GeneID (NCBI):

64708

UNIPROT ID:

Q9H9Q2

Full Name:

COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis)

Calculated MW:

30 kDa 264 aa

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

COP9 signalosome complex subunit 7b (COPS7B, also known as CSN7B) is a component of the ribo-interactome that interacts with ribosomes to facilitate ribosome biogenesis and mRNA translation initiation (PMID: 27903243). Increased expression of COPS7B mediated by IGF2BP3 elevates the translational efficiency of genes enriched in mRNA translation and ribosome biogenesis pathways, promoting protein synthesis and driving progression in colorectal cancer (PMID: 37560971).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

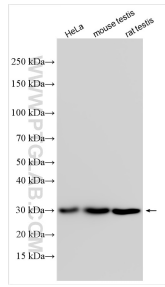
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32695-1-AP (COPS7B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32695-1-PBS in a different storage buffer formulation.