

For Research Use Only

RPAIN Monoclonal antibody

Catalog Number: 68546-1-Ig



Basic Information

Catalog Number:

68546-1-Ig

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7844

GenBank Accession Number:

BC004451

GeneID (NCBI):

84268

UNIPROT ID:

Q86UA6

Full Name:

RPA interacting protein

Calculated MW:

25 kDa

Observed MW:

25 kDa

Purification Method:

Protein G purification

CloneNo.:

2D8E3

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, Jurkat cells, A2780 cells, LNCap cells, K-562 cells

Background Information

Replication protein A (RPA) is a eukaryotic single-stranded DNA binding protein that is essential for DNA replication, repair, and recombination, and human RPA interacting protein α (hRIP α) is the nuclear transporter of RPA. RPAIN was originally identified as a nuclear transporter of RPA in *Xenopus* (PMID: 23010595). The human RIP α gene encodes several splice isoforms, of which hRIP α and hRIP β are the major translation products in vivo. hRIP α transports RPA into the nucleus by shuttling between the cytoplasm and nucleus while hRIP β is localized in promyelocytic leukemia (PML) nuclear bodies.

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

*** 20ul sizes contain 0.1% BSA

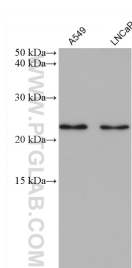
For technical support and original validation data for this product please contact:

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

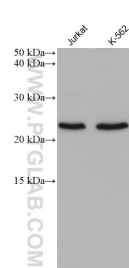
E: proteintech@ptglab.com
W: ptglab.com

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 68546-1-Ig (RPAIN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68546-1-Ig (RPAIN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.