

For Research Use Only

HIRA Polyclonal antibody

Catalog Number: 31152-1-AP



Basic Information

Catalog Number:

31152-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34439

GenBank Accession Number:

NM_003325

GeneID (NCBI):

7290

UNIPROT ID:

P54198

Full Name:

HIR histone cell cycle regulation defective homolog A (S. cerevisiae)

Calculated MW:

112 kDa

Observed MW:

112 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human

Positive Controls:

IP : HepG2 cells, K-562 cells

Background Information

HIRA protein is encoded by a gene within a region of human chromosome 22q11.2 deleted in most patients with the DiGeorge syndrome, a developmental disorder, and was named for its amino acid sequence homology to two *S. cerevisiae* proteins, Hir1p and Hir2p. HIRA is critical in a specific chromatin assembly pathway that takes place independently of DNA synthesis (PMID: 12049744). HIRA complex associates with various proteins, such as transcription factors, RNA pol II, Prohibitin (PHB), and replication protein A (RPA) suggests that the targeting of the complex at specific locations may exploit additional structural properties and mechanisms (PMID: 30082790).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

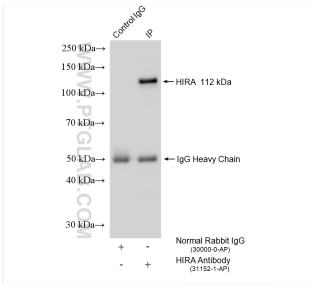
For technical support and original validation data for this product please contact:

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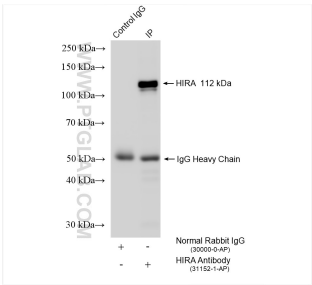
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP result of anti-HIRA (IP:31152-1-AP, 4ug; Detection:31152-1-AP 1:500) with HepG2 cells lysate 1600 ug.



IP result of anti-HIRA (IP:31152-1-AP, 4ug; Detection:31152-1-AP 1:500) with K-562 cells lysate 1600 ug.