

For Research Use Only

# HIRA Polyclonal antibody

Catalog Number: 31152-1-AP



## Basic Information

**Catalog Number:**

31152-1-AP

**Size:**

400 ug/ml

**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

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

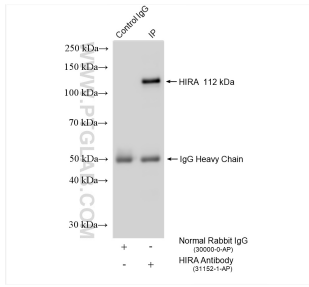
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

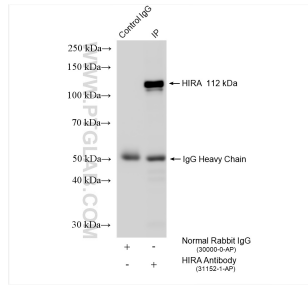
W: [ptgcn.com](http://ptgcn.com)

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## 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.