

# HIRIP3 Polyclonal antibody

Catalog Number:14992-1-AP

## Basic Information

**Catalog Number:**

14992-1-AP

**Size:**

133 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG6978

**GenBank Accession Number:**

BC000588

**GeneID (NCBI):**

8479

**UNIPROT ID:**

Q9BW71

**Full Name:**

HIRA interacting protein 3

**Calculated MW:**

62 kDa

**Observed MW:**

69 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

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

IHC 1:20-1:200

## Applications

**Tested Applications:**

WB, IHC, IP, ELISA

**Species Specificity:**

human, mouse

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

**Positive Controls:**

**WB :** mouse skeletal muscle tissue, human heart tissue, human skeletal muscle tissue

**IP :** HEK-293 cells,

**IHC :** human ovary tissue, human heart tissue, human kidney tissue, human placenta tissue, human skin tissue, human testis tissue

## Background Information

The HIRIP3 protein had been identified from its interaction with the HIRA histone chaperone. It may play a role in chromatin function and histone metabolism via its interaction with HIRA and histones.

## Storage

**Storage:**

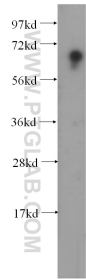
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

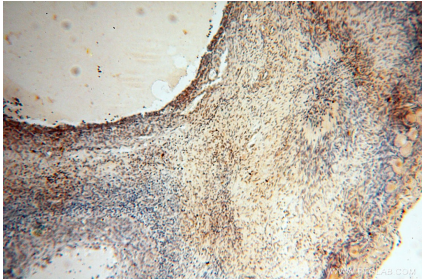
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

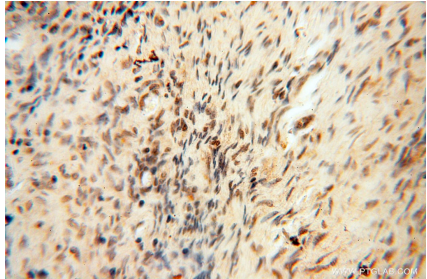
Selected Validation Data



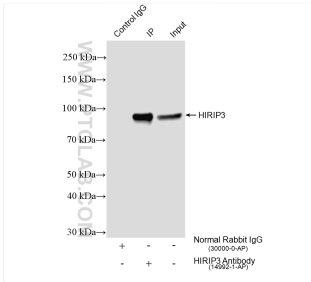
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 14992-1-AP (HIRIP3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary using 14992-1-AP (HIRIP3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary using 14992-1-AP (HIRIP3 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-HIRIP3 (IP:14992-1-AP, 4ug; Detection:14992-1-AP 1:3000) with HEK-293 cells lysate 1600 ug.