

# [KO Validated] HIRA Rabbit pAb

Catalog No.: A8461

**KO** Validated

1 Publications

## Basic Information

### Observed MW

112kDa

### Calculated MW

112kDa

### Category

Primary antibody

### Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human

## Background

This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development.

## Recommended Dilutions

**WB** 1:500 - 1:2000**IHC-P** 1:100 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

7290

### Swiss Prot

P54198

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

TUP1; DGCR1; TUPLE1; RA

## Contact

 | 400-999-6126 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn) | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

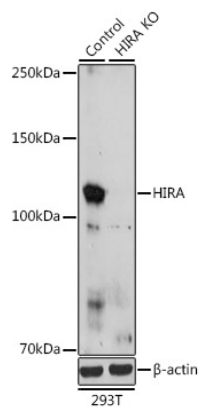
Affinity purification

### Storage

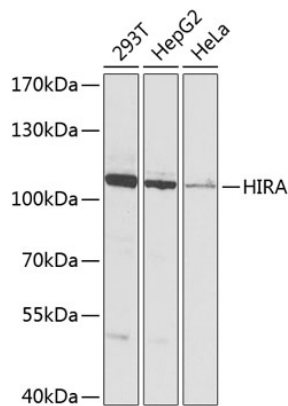
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

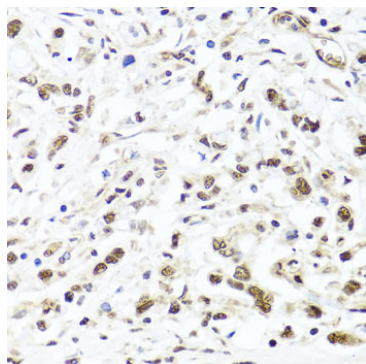
Validation Data



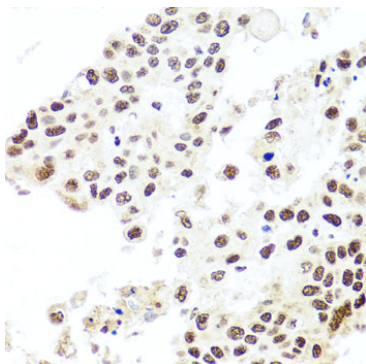
Western blot analysis of lysates from wild type (WT) and HIRA knockout (KO) 293T cells, using [KO Validated] HIRA Rabbit pAb (A8461) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



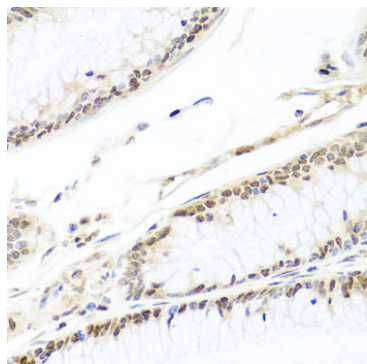
Western blot analysis of various lysates using [KO Validated] HIRA Rabbit pAb (A8461) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using [KO Validated] HIRA Rabbit pAb (A8461) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using [KO Validated] HIRA Rabbit pAb (A8461) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using [KO Validated] HIRA Rabbit pAb (A8461) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.