

# HIRA Rabbit mAb

Catalog No.: A8892 **Recombinant**

## Basic Information

**Observed MW**

112kDa

**Calculated MW**

112kDa

**Category**

Primary antibody

**Applications**

ELISA, WB

**Cross-Reactivity**

Human

**CloneNo number**

ARC1341

## 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 - 1:1000

## Immunogen Information

**Gene ID**

7290

**Swiss Prot**

P54198

**Immunogen**

Recombinant fusion protein containing a sequence corresponding to amino acids 550-675 of human HIRA (P54198).

**Synonyms**

TUP1; DGCR1; TUPLE1; HIRA

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

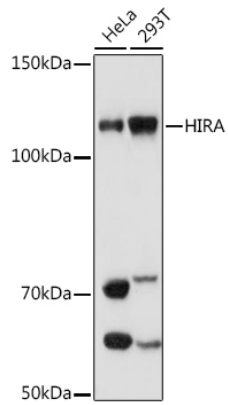
**Storage**

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using HIRA antibody (A8892) at 1:1000 dilution.  
Secondary antibody: HRP 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.