

HIRA

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:100 - 1:200

Calculated MW:112kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human HIRA

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TUP1; DGCR1; TUPLE1;

Catalog #:A8461

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:7290

Isotype:IgG

Swiss Prot:P54198

Purity:Affinity purification

For research use only.

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.

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