
Product Name: HIRA Rabbit Monoclonal Antibody**Catalog #: AMRe86418**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,ICC/IF 1:50-1:200,FC 1:100-1:1000,IP 1:10-1:100
Molecular Weight	Calculated MW:112 kDa; Observed MW:112 kDa

Antigen Information

Gene Name	HIRA
Alternative Names	TUP1; DGCR1; TUPLE1
Gene ID	7290
SwissProt ID	P54198
Immunogen	A synthetic peptide of human HIRA

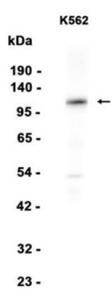
Background

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

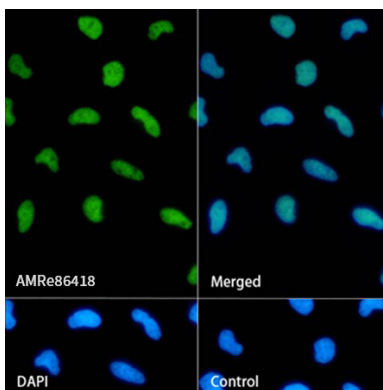
important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from K562 cells using HIRA Rabbit Monoclonal Antibody at 1:1000.



Immunofluorescence analysis of HeLa cells labelling HIRA with AMRe86418.