

Datasheet for ABIN1539297
anti-HIRA antibody (N-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	HIRA
Binding Specificity:	AA 32-61, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This HIRA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-61 amino acids from the N-terminal region of human HIRA.
Clone:	RB36757
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HIRA
Alternative Name:	HIRA (HIRA Products)
Background:	This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in

Target Details

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.

Molecular Weight: 111835

Gene ID: 7290

NCBI Accession: [NP_003316](#)

UniProt: [P54198](#)

Pathways: [Chromatin Binding](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

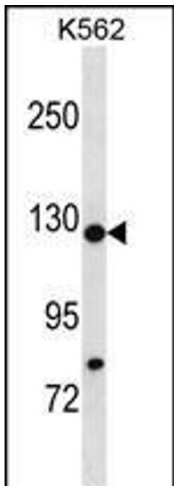
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

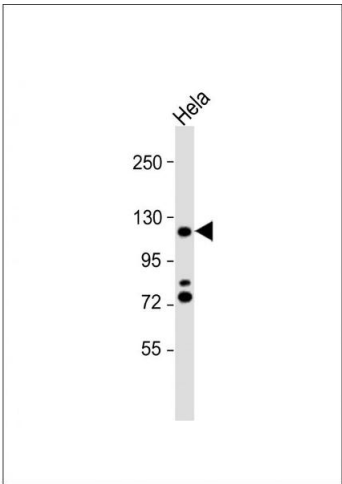
Storage Comment: HIRA Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. HIRA Antibody (N-term) (ABIN1539297 and ABIN2848659) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the HIRA antibody detected the HIRA protein (arrow).



Western Blotting

Image 2. Anti-HIRA Antibody (N-term) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 112 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.