

## Anti-Phospho-HIRA (Thr555) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 111 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	ELISA,ICC/IF,IHC-P,WB
Recommended	IHC-P: 1:100-300; ICC/IF: 1:200-1000; ELISA: 1:10000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human HIRA around the phosphorylation site of Thr555. AA range:521-570
Antigen Species:	Human
Uniprot ID:	P54198
Synonyms:	HIRA (p-Thr555);p-HIRA (T555);HIRA (p-T555);p-HIRA (Thr555)

## Research Background

histone cell cycle regulator(HIRA) Homo sapiens 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],

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