

HIRA Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03977
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HIRA. AA range:521-570
Mol wt	111835
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	HIRA Antibody
Synonyms	HIRA; DGCR1; HIR; TUPLE1; Protein HIRA; TUP1-like enhancer of split protein 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

HIRA (histone cell cycle regulator) encodes a histone chaperone that preferentially places the variant histone H3. in nucleosomes. Orthologs of HIRA 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.

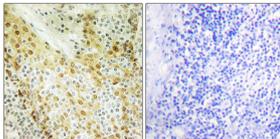
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human tonsil tissue, using HIRA Antibody.
The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year