

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HIRA RABBIT PAB**

Cat.#: S214101

Product Name: Anti-HIRA Rabbit Polyclonal Antibody

Synonyms: TUP1; DGCR1; TUPLE1

UNIPROT ID: P54198 (Gene Accession - NP\_003316)

**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 heterochomatin. 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.

Immunogen: Synthetic peptide of human HIRA

**Applications:** ELISA, IHC

Recommended Dilutions: IHC: 20-100; ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

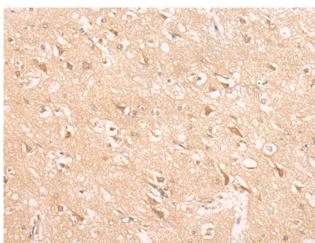
Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification Species Reactivity: Human, Mouse

Constituents: PBS (without Mg2+ and Cg2+), pH 7.4, 150 mM NgCl, 0.05% Sodium Azide and 40%

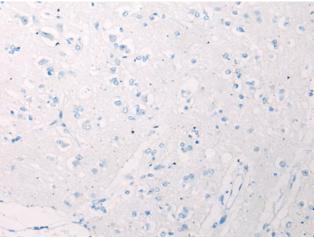
glycerol

Research Areas: Epigenetics and Nuclear Signaling, Stem Cells, Developmental Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 214101(HIRA Antibody) at a dilution of 1/25(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 214101(Anti-HIRA Antibody) at dilution 1/25.