

## HIRA (phospho Thr555) Polyclonal Antibody

Catalog No: #13823



Package Size: #13823-1 50ul #13823-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	HIRA (phospho Thr555) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF/ICC,ELISA
Species Reactivity	Human,Mouse
Specificity	Phospho-HIRA (T555) Polyclonal Antibody detects endogenous levels of HIRA protein only when phosphorylated at T555.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human HIRA around the phosphorylation site of Thr555. AA range:521-570
Other Names	HIRA; DGCR1; HIR; TUPLE1; Protein HIRA; TUP1-like enhancer of split protein 1
Accession No.	Swiss Prot:P54198GeneID:7290
Uniprot	P54198
GeneID	7290
Calculated MW	111kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

## 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].

Note: This product is for in vitro research use only