

磷酸化 HIRA 蛋白抗体

产品货号： mlR17406

英文名称： phospho-HIRA (Thr555)

中文名称： 磷酸化 HIRA 蛋白抗体

别名： HIRA (phospho T555); p-HIRA (phospho T555); DGCR1; DGGR 1; DGGR1; DiGeorge critical region gene 1; HIR; HIR histone cell cycle regulation defective homolog A; HIRA; HIRA protein; HIRA_HUMAN; Protein HIRA; TUP 1; TUP1; TUP1 like enhancer of split protein 1; TUP1-like enhancer of split protein 1; TUPLE 1; TUPLE1.

产品类型： 磷酸化抗体

研究领域： 细胞生物 信号转导 干细胞 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500
(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 112kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthesised phosphopeptide derived from human HIRA around the phosphorylation site of Thr555:LT(p-T)PS

亚型： IgG

纯化方法： affinity purified by Protein A

储存液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is

stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : 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]

Function:

Cooperates with ASF1A to promote replication-independent chromatin assembly. Required for the periodic repression of histone gene transcription during the cell cycle. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit.

Subcellular Location:

Nucleus. Nucleus > PML body. Primarily, though not exclusively, localized to the nucleus. Localizes to PML bodies immediately prior to onset of senescence.

Tissue Specificity:

Expressed at high levels in kidney, pancreas and skeletal muscle and at lower levels in brain, heart, liver, lung, and placenta.

Post-translational modifications:

Sumoylated. Phosphorylated by CDK2/CCNA1 and CDK2/CCNE1 on Thr-555 in vitro. Also phosphorylated on Thr-555 and Ser-687 in vivo.

Similarity:

Belongs to the WD repeat HIR1 family.

Contains 8 WD repeats.

SWISS:

P54198

Gene ID:

7290

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.