



Mouse anti-Human HIRA monoclonal antibody, clone XD2203I22 (CABT-B10401)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant protein corresponding to amino acids 421-729 of human HIRA.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	XD2203I22
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Buffer	In PBS, pH 7.4 (0.02% sodium azide)
Storage	Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

BACKGROUND

Introduction	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
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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]

Keywords	HIRA; histone cell cycle regulator; TUP1; DGCR1; TUPLE1; protein HIRA; DiGeorge critical region gene 1; TUP1-like enhancer of split protein 1; HIR histone cell cycle regulation defective homolog A;
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GENE INFORMATION

Entrez Gene ID	7290
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UniProt ID	P54198
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Function	chromatin binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity
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