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HIRIP3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18580c

Product Information

Application	WB, E
Primary Accession	Q9BW71
Other Accession	NP_003600.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37326
Calculated MW	61957
Antigen Region	287-316

Additional Information

Gene ID	8479
Other Names	HIRA-interacting protein 3, HIRIP3
Target/Specificity	This HIRIP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 287-316 amino acids from the Central region of human HIRIP3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HIRIP3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HIRIP3
Function	Histone chaperone that carries a H2A-H2B histone complex and facilitates its deposition onto chromatin.
Cellular Location	Nucleus. Note=Nuclear throughout the cell cycle and is excluded from

	condensed chromatin during mitosis
Tissue Location	Widely expressed. Isoform 1 is predominant in skeletal muscle. Isoform 2 is predominant in liver and heart

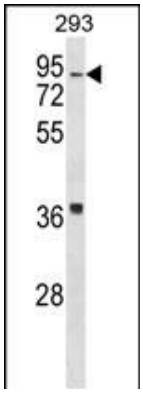
Background

The HIRA protein shares sequence similarity with Hir1p and Hir2p, the two corepressors of histone gene transcription characterized in the yeast, Saccharomyces cerevisiae. The structural features of the HIRA protein suggest that it may function as part of a multiprotein complex. Recently, several cDNAs encoding HIRA-interacting proteins, or HIRIPs, have been identified. In vitro, the HIRIP3 gene product binds HIRA, as well as H2B and H3 core histones, indicating that a complex containing HIRA-HIRIP3 could function in some aspects of chromatin and histone metabolism.

References

Kumar, R.A., et al. PLoS ONE 4 (2), E4582 (2009) :
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Assrir, N., et al. Biol. Chem. 388(4):391-398(2007)
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Images



HIRIP3 Antibody (Center) (Cat. #AP18580c) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the HIRIP3 antibody detected the HIRIP3 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.