

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

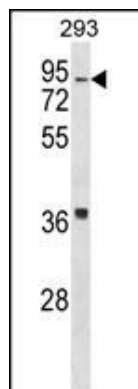
Background

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)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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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'.