

# **HIRIP3 Antibody (Center)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18580c

# **Specification**

## HIRIP3 Antibody (Center) - Product Information

WB,E Application **Primary Accession** 09BW71 Other Accession NP 003600.2 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 61957 Antigen Region 287-316

## HIRIP3 Antibody (Center) - 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.

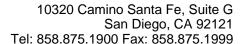
# **Precautions**

HIRIP3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## HIRIP3 Antibody (Center) - 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**

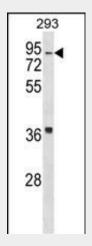
Widely expressed. Isoform 1 is predominant in skeletal muscle. Isoform 2 is predominant in liver and heart

# **HIRIP3 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

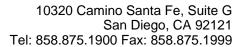
## HIRIP3 Antibody (Center) - Images



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).

## HIRIP3 Antibody (Center) - 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.





# HIRIP3 Antibody (Center) - 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) Olsen, J.V., et al. Cell 127(3):635-648(2006)