

**HIRIP3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18580c**

**Specification**

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**HIRIP3 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q9BW71](#)

**HIRIP3 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 8479

**Other Names**

HIRA-interacting protein 3, HIRIP3

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**HIRIP3 Antibody (Center) Blocking Peptide - Protein Information**

**Name** HIRIP3

**Function**

May play a role in chromatin function and histone metabolism via its interaction with HIRA and histones.

**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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**HIRIP3 Antibody (Center) Blocking Peptide - Images****HIRIP3 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)