



Rabbit Anti-HIRIP3 antibody

SL12269R

Product Name:	HIRIP3
Chinese Name:	HIRA相互作用蛋白3抗体
Alias:	HIRA-interacting protein 3; HIRIP3; HIRA interacting protein 3; HIRP3; HIRP3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	62kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human HIRIP3:401-556/556
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The HIRA protein shares sequence similarity with Hir1p and Hir2p, the two corepressors of histone gene transcription characterized in the yeast, <i>Saccharomyces cerevisiae</i> . The structural features of the HIRA protein suggest that it may function as part of a multiprotein complex. Several cDNAs encoding HIRA-interacting proteins, or HIRIPs, have been identified. In vitro, the protein encoded by this gene 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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.[provided by RefSeq, Aug 2011].

Function:

HIRIP3 (HIRA-interacting protein 3) is a novel gene product that was identified from its HIRA-binding properties. In vitro, HIRIP3 directly interacts with HIRA but also with core histones H2B and H3, suggesting that a HIRA-HIRIP3-containing complex could function in some aspects of chromatin and histone metabolism.

Subunit:

Interacts with HIRA. Weak interaction with histones H2B and H3. Interacts with CK2.

Subcellular Location:

Nucleus.

Tissue Specificity:

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

Post-translational modifications:

Phosphorylated by CK2.

SWISS:

Q9BW71

Gene ID:

8479

Database links:

[Entrez Gene: 8479](#)Human

[Omim: 603365](#)Human

[SwissProt: Q9BW71](#)Human

[Unigene: 567370](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.