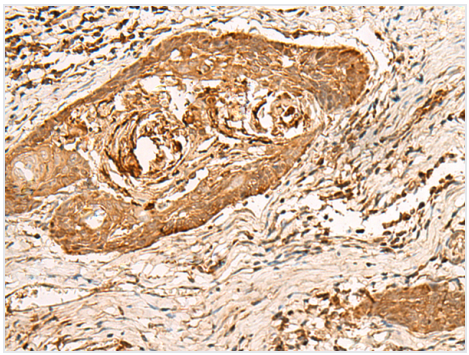
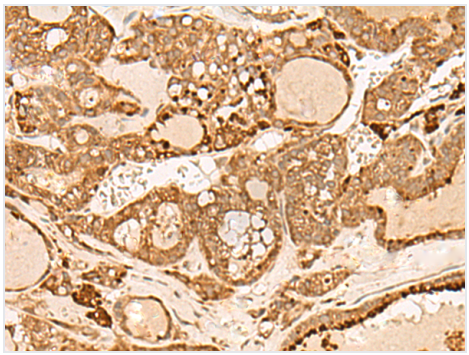
HIRIP3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HIRIP3, Polyclonal Antibody
Full Product Name	HIRIP3 Antibody
Product Gene Name	anti-HIRIP3 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C for 1 year.
Molecular Weight	19,709 Da
OMIM	610534
3D Structure	ModBase 3D Structure for Q96C86
Immunogen	Fusion protein of human HIRIP3
Conjugation	Unconjugated
Product Categories/Family for anti-HIRIP3 antibody	Total protein Ab
Applications Tested/Suitable for anti-HIRIP3 antibody	Immunohistochemistry (IHC)
Application Notes for anti-HIRIP3 antibody	IHC: 1:50-1:300
Related Product Information for anti-HIRIP3 antibody	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. 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.
Other Notes	Small volumes of anti-HIRIP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HIRIP3 purchase	MBS9434685 is an antibody targeting HIRIP3. Also known as HIRIP3 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-HIRIP3 antibody
The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using (HIRIP3 Antibody) at dilution 1/60.



Immunohistochemistry (IHC) of anti-HIRIP3 antibody
The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using (HIRIP3 Antibody) at dilution 1/60.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HIRIP3. It may not necessarily be applicable to this product.

NCBI GI #	33990741
NCBI GeneID	8479
NCBI Accession #	BC000588
UniProt Primary Accession #	Q96C86
UniProt Secondary Accession #	O75707; O75708; H3BSR3
UniProt Related Accession #	Q9BW71
NCBI Official Full Name	Homo sapiens HIRA interacting protein 3, mRNA
NCBI Official Synonym Full Names	HIRA interacting protein 3
NCBI Official Symbol	HIRIP3
UniProt Protein Name	m7GpppX diphosphatase
UniProt Synonym Protein Names	DCS-1; Decapping scavenger enzyme; Hint-related 7meGMP-directed hydrolase; Histidine triad nucleotide-binding protein 5; Histidine triad protein member 5; HINT-5; Scavenger mRNA-decapping enzyme DcpS
Protein Family	HIRA-interacting protein
UniProt Gene Name	DCPS
UniProt Synonym Gene Names	DCS1; HINT5; HINT-5
UniProt Entry Name	DCPS_HUMAN
NCBI Protein Information	HIRA-interacting protein 3

UniProt Comments for HIRIP3	DCPS: Necessary for the complete degradation of mRNAs, both in normal mRNA turnover and in nonsense-mediated mRNA decay. Removes the 7-methyl guanine cap structure from mRNA fragments shorter than 10 nucleotides that are produced by 3'->5' exosome-mediated mRNA decay. Releases m7GMP. Can also degrade m7GDP to m7GMP. Has no activity towards mRNA molecules longer than 25 nucleotides. Belongs to the HIT family. Protein type: EC 3.6.1.59; Hydrolase; RNA splicing Chromosomal Location of Human Ortholog: 11q24.2 Cellular Component: nucleoplasm; mitochondrion; cytoplasm; cytosol; nucleus Molecular Function: protein binding; m7G(5')pppN diphosphatase activity; RNA 7-methylguanosine cap binding Biological Process: deadenylation-dependent decapping; negative regulation of programmed cell death; gene expression; nuclear mRNA cis splicing, via U2-type spliceosome; mRNA catabolic process, deadenylation-dependent decay Disease: Al-raqad Syndrome
Research Articles on HIRIP3	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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