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CIRH1A Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP9951a

Specification

CIRH1A Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q969X6

CIRH1A Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 84916

Other Names
Cirhin, CIRH1A, KIAA1988, UTP4

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.

CIRH1A Antibody (N-term) Blocking Peptide - Protein Information

Name UTP4 (HGNC:1983)

Function
Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Involved in small subunit (SSU) pre-rRNA processing at sites A', A0, 1 and 2b. Required for optimal pre- ribosomal RNA transcription by RNA polymerase (PubMed:17699751, PubMed:<a href="http://www.uniprot.org/citations/19732766"

CIRH1A Antibody (N-term) Blocking Peptide - Background

CIRH1A encodes a WD40-repeat-containing protein that is localized to the nucleolus. Mutation of this gene causes North American Indian childhood cirrhosis, a severe intrahepatic cholestasis that results in transient neonatal jaundice, and progresses to periportal fibrosis and cirrhosis in childhood and adolescence.

CIRH1A Antibody (N-term) Blocking Peptide - References

Yu, B., et al. Exp. Cell Res. 315(18):3086-3098(2009)Carlton, V.E., et al. Ann. Med. 36(8):606-617(2004)

target="_blank">19732766). May be a transcriptional regulator. Acts as a positive regulator of HIVEP1 which specifically binds to the DNA sequence 5'-GGGACTTTCC-3' found in enhancer elements of numerous viral promoters such as those of HIV-1, SV40, or CMV (PubMed:19732766).

Cellular Location
Nucleus, nucleolus. Chromosome. Note=Found predominantly at the fibrillar center.

CIRH1A Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides