

Cirhin Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55356

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q969X6
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76890

Additional Information

Gene ID	84916
Other Names	U3 small nucleolar RNA-associated protein 4 homolog, Cirhin, UTP4 small subunit processome component, UTP4 (HGNC:1983)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	UTP4 (HGNC:1983)
Function	Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted d Involved in SSU pre-rRNA processing at sites A', A0, 1 and 2b. Required for optimal pre-ribosomal RNA transcription by RNA polymerase (PubMed: 17699751 , PubMed: 19732766 , PubMed: 34516797). May be a transcriptional regulator (PubMed: 22916032).
Cellular Location	Nucleus, nucleolus. Chromosome Note=Found predominantly at the fibrillar center