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UTP14A Polyclonal Antibody

Catalog # AP73029

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9BVJ6
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87978

Additional Information

Gene ID	10813
Other Names	UTP14A; SDCCAG16; U3 small nucleolar RNA-associated protein 14 homolog A; Antigen NY-CO-16; Serologically defined colon cancer antigen 16
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

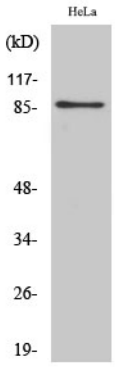
Name	UTP14A
Synonyms	SDCCAG16
Function	Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit (PubMed:34516797). During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797). Ensures correct nucleolar localization of small ribosomal subunit processome member EMG1 as part of a complex with NOC4L and NOP14 (PubMed:27798105).
Cellular Location	Nucleus, nucleolus

Tissue Location Ubiquitously expressed.

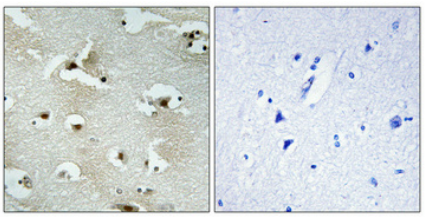
Background

May be required for ribosome biogenesis.

Images



Western Blot analysis of various cells using UTP14A Polyclonal Antibody diluted at 1：500. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.