

UTP14A Rabbit pAb

Catalog # AP99236

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9BVJ6
Other Accession	Q9BVJ6
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87978
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human UTP14A/SDCCAG16
Epitope Specificity	151-250/771
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the UTP14 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Relevance; UTP14A may be required for ribosome biogenesis.

Additional Information

Gene ID	10813
Other Names	NYCO16; SDCCAG16; Utp14; dj537K23.3; 2700066J21Rik; JsdX; NY-CO-16; mKIAA0266; UT14A_HUMAN; UTP14A; Antigen NY-CO-16; Serologically defined colon cancer antigen 16; UT14A_MOUSE; Juvenile spermatogonial depletion-like X-linked protein (Jsd-like X-linked protein); Kiaa0266; UTP14A small subunit processome component; UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=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	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.

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