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UTP14A Rabbit pAb

Catalog # AP99236

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9BVJ6
Other Accession	Q9BVJ6
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse
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'.