
Summary

Production Name	UTP14A Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	UTP14A
Alternative Names	UTP14A; SDCCAG16; U3 small nucleolar RNA-associated protein 14 homolog A; Antigen NY-CO-16; Serologically defined colon cancer antigen 16
Gene ID	10813.0
SwissProt ID	Q9BVJ6.The antiserum was produced against synthesized peptide derived from human UTP14A. AA range:321-370

Application

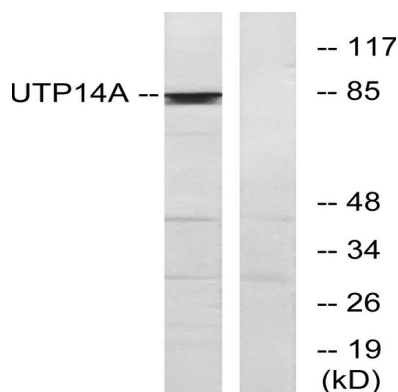
Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000. Not yet tested in other applications.
Molecular Weight	85kD

Background

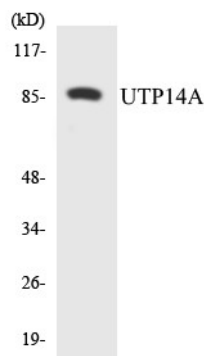
This gene encodes a member of the uridine triphosphate 14 family. As an essential component of a large ribonucleoprotein complex bound to the U3 small nucleolar RNA, the encoded protein is involved in ribosome biogenesis and 18S rRNA synthesis. An autosomal retrotransposed copy of this X-linked gene exists on chromosome 13. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009],function:May be required for ribosome biogenesis.,miscellaneous:The human genome also contains the UTP14C gene, an autosomal retrotransposed copy of this X-linked gene. Evolution of autosomal retrogenes from X-linked progenitors compensates for X-chromosome silencing during male meiosis.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the UTP14 family.,tissue specificity:Ubiquitously expressed.,

Research Area

Image Data

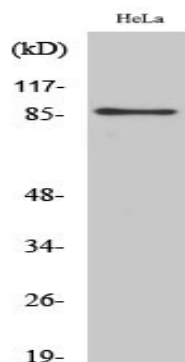


Western blot analysis of lysates from HeLa cells, using UTP14A Antibody. The lane on the right is blocked with the synthesized peptide.

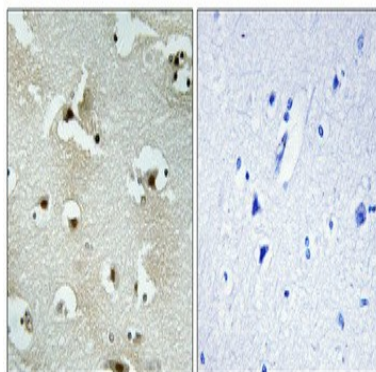


Western blot analysis of the lysates from 293 cells using UTP14A antibody.

Product Name: UTP14A Rabbit Polyclonal Antibody
Catalog #: APRab19693



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. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

Note

For research use only.