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UTP6 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5296a

Specification

UTP6 Antibody (N-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q9NYH9
Other Accession	Q8VCY6
Reactivity	**Human**
Predicted	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**70194**
Antigen Region	**16-43**

UTP6 Antibody (N-term) - Additional Information

Gene ID 55813

Other Names
U3 small nucleolar RNA-associated protein 6 homolog, Hepatocellular carcinoma-associated antigen 66, Multiple hat domains protein, UTP6, C17orf40, HCA66, MHAT

Target/Specificity
This UTP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-43 amino acids from the N-terminal region of human UTP6.

Dilution
WB~~1:1000
FC~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
UTP6 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UTP6 Antibody (N-term) - Protein Information

Name UTP6 (HGNC:18279)

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Synonyms C17orf40, HCA66, MHAT

Function 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 degradation of pre- ribosomal RNA by the RNA exosome. Involved in nucleolar processing of pre-18S ribosomal RNA.

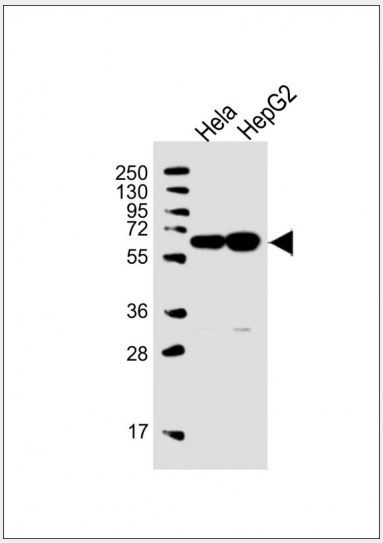
Cellular Location
Nucleus, nucleolus

UTP6 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

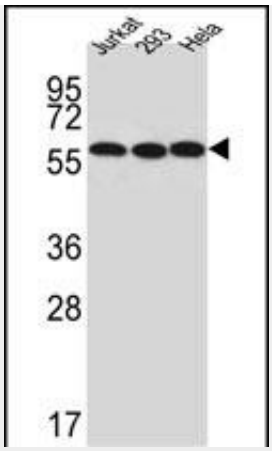
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UTP6 Antibody (N-term) - Images

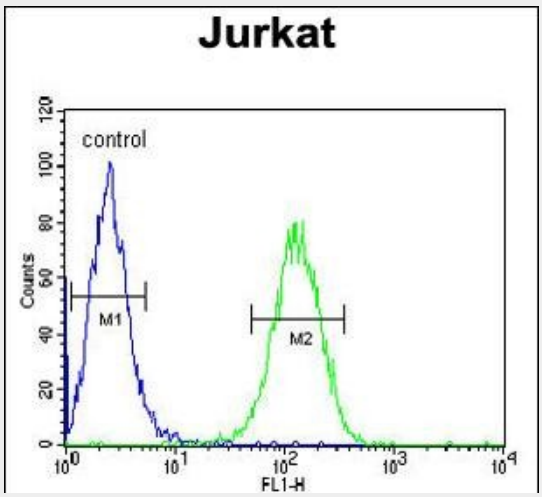


All lanes : Anti-UTP6 Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 70 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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Western blot analysis of UTP6 Antibody (N-term) (Cat. #AP5296a) in Jurkat,293,Hela cell line lysates (35ug/lane).UTP6 (arrow) was detected using the purified Pab.



UTP6 Antibody (N-term) (Cat. #AP5296a) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

UTP6 Antibody (N-term) - Background

UTP6 involved in nucleolar processing of pre-18S ribosomal RNA.

UTP6 Antibody (N-term) - References

Fant, X., et al. J. Cell. Sci. 122 (PT 8), 1134-1144 (2009)
Douglas, J., et al. Nat. Genet. 39(8):963-965(2007)
Piddubnyak, V., et al. Cell Death Differ. 14(6):1222-1233(2007)