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UTP6 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5296a

Product Information

Application	WB, FC, E
Primary Accession	Q9NYH9
Other Accession	Q8VCY6
Reactivity	Human, Mouse
Predicted	Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB26448
Calculated MW	70194
Antigen Region	16-43

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 E~~Use at an assay dependent concentration.
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.

Protein Information

Name	UTP6 (HGNC:18279)
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

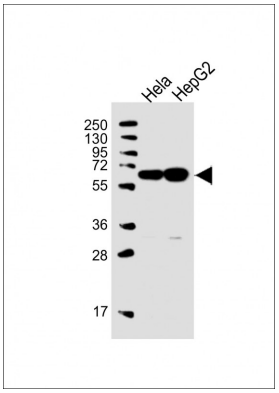
Background

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

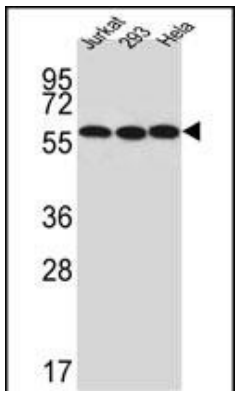
References

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)

Images

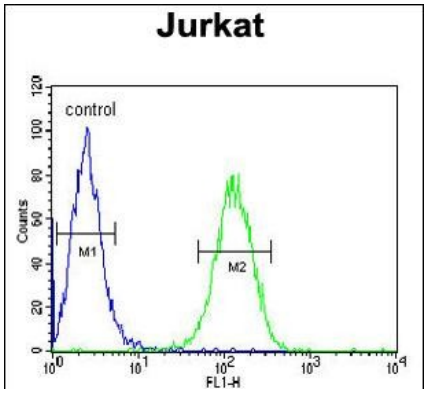


All lanes : Anti-UTP6 Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 70 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



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.



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