



Rabbit Anti-NOL6 antibody

SL19312R

Product Name:	NOL6
Chinese Name:	核仁蛋白6抗体
Alias:	bA311H10.1; FLJ21959; MGC14896; MGC14921; MGC20838; NRAP; Nucleolar protein 6; Nucleolar protein family 6 (RNA associated); Nucleolar RNA associated protein; UTP22.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	127kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NOL6:151-250/1146
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	The nucleolus is a dense subnuclear membraneless organelle that assembles around clusters of rRNA genes and functions in ribosome biogenesis. This gene encodes a nucleolar RNA-associated protein that is highly conserved between species. RNase treatment of permeabilized cells indicates that the nucleolar localization is RNA dependent. Further studies suggest that the protein is associated with ribosome

biogenesis through an interaction with pre-rRNA primary transcripts. Alternative splicing has been observed at this locus and two splice variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

Function:

NOL6 is a nucleolar RNA associated protein that is highly conserved between species. RNase treatment of permeabilized cells indicates that the nucleolar localization is RNA dependent. Further studies suggest that the protein is associated with ribosome biogenesis through an interaction with pre-rRNA primary transcripts.

Subcellular Location:

Nucleus; nucleolus. Localizes to condensed chromosomes in mitosis.

SWISS:

Q9H6R4

Gene ID:

65083

Database links:

[Entrez Gene: 65083](#) Human

[Entrez Gene: 230082](#) Mouse

[SwissProt: Q9H6R4](#) Human

[SwissProt: Q8R5K4](#) Mouse

[Unigene: 493709](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.