



Rabbit Anti-NNP1 antibody

SL9300R

Product Name:	NNP1
Chinese Name:	新型核蛋白质1抗体
Alias:	NNP 1; NNP-1; NNP1; Nnp1 homolog nucleolar protein; Novel nuclear protein 1; Nucleolar protein Nop52; Protein NNP 1; Protein NNP1; Ribosomal RNA processing 1 homolog; Ribosomal RNA processing protein 1 homolog A; rrp1; RRP1 like protein; RRP1-like protein; RRP1_HUMAN; RRP1A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	53kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NNP1/RRP1 like protein:261-360/461
Isotype:	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:	Novel nuclear protein 1 (NNP-1), also known as RRP1-like protein or Nucleolar protein Nop52, is a 461 amino acid protein belonging to the RRP1 family. Localized to the nucleolus, NNP-1 has simian virus 40-type and bipartite nuclear localization signals

and four coiled-coil domains within its C-terminal region. NNP-1 has been found to play an important role in the generation of 28S rRNA in the late processing steps of ribosome biogenesis. At the end of mitosis, nucleolar proteins assemble in a sequential order during the rebuilding of the nucleolus. NNP-1 assembles after Fibrillarin and C23, and simultaneously with B23 and POP1 in the prenucleolar body pathway.

Function:

Plays a critical role in the generation of 28S rRNA.

Subunit:

Interacts with C1QBP.

Subcellular Location:

Nucleus, nucleolus.

Tissue Specificity:

Ubiquitously expressed in fetal and adult tissues.

Similarity:

Belongs to the RRP1 family.

SWISS:

Q14684

Gene ID:

23076

Database links:

[Entrez Gene: 23076](#)Human

[Entrez Gene: 72462](#)Mouse

[Entrez Gene: 309673](#)Rat

[Omim: 610654](#)Human

[SwissProt: Q14684](#)Human

[SwissProt: Q91YK2](#)Mouse

[Unigene: 654727](#)Human

[Unigene: 54275](#)Rat

Important Note:

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

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