SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-NOL12/NOP25 antibody

SL19309R

Product Name:	NOL12/NOP25
Chinese Name:	核仁蛋白12抗体
Alias:	C78541; dJ37E16.7; FLJ34609; MGC3731; Nol12; NOL12_HUMAN; Nop25; Nucleolar protein 12; Nucleolar protein of 25 kDa.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,
Applications:	WB=1:500-2000ELISA=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:	25kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NOL12/NOP25:121-213/213
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:	Nop25 is a 213 amino acid protein that localizes to the nucleolus and is thought to bind to 28S rRNA, possibly playing a role in the processing of rRNA molecules and in the subsequent assembly and maturation of ribosomes. The gene encoding Nop25 maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type

2, autism and schizophrenia. Additionally, translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein BCR-Abl, a potent cell proliferation activator found in several types of leukemias.

Function:
May bind to 28S rRNA.

Subcellular Location:
Nucleus > nucleolus.

Similarity:
Belongs to the RRP17 family.

SWISS:
Q9UGY1

Gene ID:
79159

Database links:

Entrez Gene: 79159 Human

Entrez Gene: 97961 Mouse

Entrez Gene: 362955 Rat

SwissProt: Q9UGY1 Human

SwissProt: Q8BG17 Mouse

SwissProt: Q5D1Z3 Rat

Unigene: 632778 Human

Unigene: 157216 Mouse

Unigene: 17454 Rat

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