NOL7 polyclonal antibody

Catalog: BS33010 Host: Rabbit Reactivity: Human, Mouse

BackGround:

U3 small nucleolar RNA-associated protein NOL7: Functions as part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit that coordinates the first two steps of ribosome biogenesis in transcription of the primary transcript pre-RNA and pre-18S processing . 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 . This subunit is required for processing of the 5'-external transcribed spacer sequence (5'ETS) of the primary transcript pre-rRNA to yield the 18S rRNA . Also plays a role in maintaining early pre-rRNA levels, either by assisting in its transcription or stability

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~29.4 kDa

Swiss-Prot:

Q9UMY1

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of NOL7 protein

DATA:

Western blot analysis of CD13 expression in A2780 (A), U87 (B), A375 (C), mouse liver (D) whole cell lysates.

Flow cytometric analysis of human peripheral blood granulocytes using Anti-CD13 Antibody, followed by anti-mouse IgG PE.

Note:

For research use only, not for use in diagnostic procedure.

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