

**Product Name: Nopp140 Rabbit Polyclonal Antibody****Catalog #: APRab14800**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,ELISA 1:20000-1:40000
<b>Molecular Weight</b>	74,130kDa(Nucleolar phosphoprotein p130)

**Antigen Information**

<b>Gene Name</b>	NOLC1 NOLC1; KIAA0035; NS5ATP13; Nucleolar and coiled-body phosphoprotein 1; 140 kDa
<b>Alternative Names</b>	nucleolar phosphoprotein; Nopp140; Hepatitis C virus NS5A-transactivated protein 13; HCV NS5A-transactivated protein 13; Nucleolar 130 kDa protein; Nucleolar pho
<b>Gene ID</b>	9221.0
<b>SwissProt ID</b>	Q14978
<b>Immunogen</b>	Synthesized peptide derived from Nopp140 . at AA range: 620-700

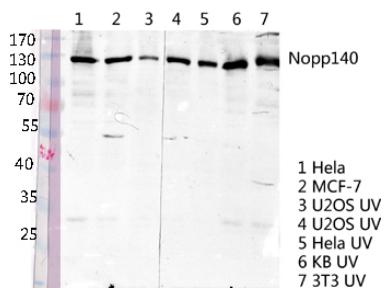
**Background**

function:Related to nucleogenesis, may play a role in the maintenance of the fundamental structure of the fibrillar center and dense fibrillar component in the nucleolus. It has intrinsic GTPase and ATPase activities. May play an important role in transcription catalyzed by RNA polymerase I.,PTM:Undergoes rapid and massive phosphorylation/dephosphorylation cycles on CK2 and PKC sites. There is evidence suggesting that CDC2 kinase phosphorylates p130 at the M-phase.,similarity:Contains 1 LisH domain.,subcellular location:Shuttles between the nucleolus and the cytoplasm. At telophase it begins to assemble into granular-like pre-nucleolar bodies which are subsequently relocated to nucleoli at the early G1-phase.,subunit:Interacts with RNA polymerase I 194 kDa subunit (RPA194) and with casein kinase-II.,function:Related to nucleogenesis, may play a role in the maintenance of the fundamental structure of the fibrillar center and dense fibrillar component in the nucleolus. It has intrinsic GTPase and ATPase activities. May play an important role in transcription catalyzed by RNA polymerase I.,PTM:Undergoes rapid and massive phosphorylation/dephosphorylation cycles on CK2 and PKC sites. There is evidence suggesting that CDC2 kinase phosphorylates p130 at the M-phase.,similarity:Contains 1 LisH domain.,subcellular location:Shuttles between the nucleolus and the cytoplasm. At telophase it begins to assemble into granular-like pre-nucleolar bodies which are subsequently relocated to nucleoli at the early G1-phase.,subunit:Interacts with RNA polymerase I 194 kDa subunit (RPA194) and with casein kinase-II.,

## Research Area

DNA / RNA; RNA Processing; Epigenetics and Nuclear Signaling; Transcription; Other factors

## Image Data



Western blot analysis of various lysis using Nopp140 Polyclonal Antibody diluted at 1: 2000. Secondary antibody was diluted at 1:20000