



Nopp140 rabbit pAb

Cat No.:ES7994

For research use only

Overview

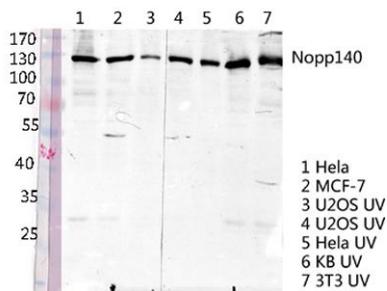
Product Name	Nopp140 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from Nopp140 . at AA range: 620-700
Specificity	Nopp140 Polyclonal Antibody detects endogenous levels of Nopp140 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Nucleolar and coiled-body phosphoprotein 1
Gene Name	NOLC1
Cellular localization	Nucleus, nucleolus . Cytoplasm . 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. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	74,130KD(Nucleolar phosphoprotein p130)
Human Gene ID	9221
Human Swiss-Prot Number	Q14978
Alternative Names	NOLC1; KIAA0035; NS5ATP13; Nucleolar and coiled-body phosphoprotein 1; 140 kDa nucleolar phosphoprotein; Nopp140; Hepatitis C virus NS5A-transactivated protein 13; HCV NS5A-transactivated protein 13; Nucleolar 130 kDa





Background

protein; Nucleolar phospho
function: Related to nucleologenesis, 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.,



Western blot analysis of various lysis using Nopp140 Polyclonal Antibody diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

