

## Immunotag™ Nopp140 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3166
Product Description	Immunotag™ Nopp140 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Nopp140
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from Nopp140, at AA range: 620-700
Specificity	Nopp140 Polyclonal Antibody detects endogenous levels of Nopp140 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NOLC1
Accession No.	Q14978 P41777
Alternate 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 protein; Nucleolar pho

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Description	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.,
Protein Expression	Bone marrow,Epithelium,Leukemia,Liver,Lung,Placenta,T-cell,
Subcellular Localization	nucleoplasm,nucleolus,cytoplasm,Cajal body,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.