

Nopp140 Polyclonal Antibody
Catalog # AP71349**Specification****Nopp140 Polyclonal Antibody - Product Information**

| | |
|-------------------|------------------------|
| Application | WB |
| Primary Accession | Q14978 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |

Nopp140 Polyclonal Antibody - Additional Information**Gene ID** 9221**Other 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

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Nopp140 Polyclonal Antibody - Protein Information**Name** NOLC1 ([HGNC:15608](#))**Function**

Nucleolar protein that acts as a regulator of RNA polymerase I by connecting RNA polymerase I with enzymes responsible for ribosomal processing and modification (PubMed:[10567578](http://www.uniprot.org/citations/10567578), PubMed:[26399832](http://www.uniprot.org/citations/26399832)). Required for neural crest specification: following monoubiquitination by the BCR(KBTBD8) complex, associates with TCOF1 and acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processing and modification, leading to remodel the translational program of differentiating cells in favor of neural crest specification (PubMed:[26399832](http://www.uniprot.org/citations/26399832)). Involved in nucleologenesis, possibly by playing a role in the maintenance of the fundamental structure of the fibrillar center and dense fibrillar component in the nucleolus (PubMed:[9016786](http://www.uniprot.org/citations/9016786)). It has intrinsic GTPase and ATPase activities (PubMed:[9016786](http://www.uniprot.org/citations/9016786)).

Cellular Location

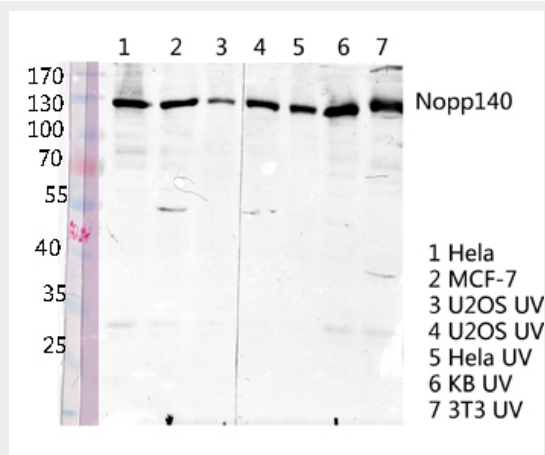
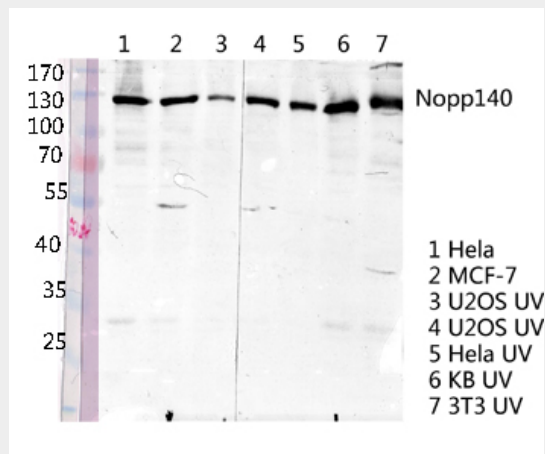
Nucleus, nucleolus. Cytoplasm. Note=Shuttles between the nucleolus and the cytoplasm. At telophase it begins to assemble into granular-like pre-nucleolar bodies which are subsequently relocated to nucleoli at the early G1-phase.

Nopp140 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nopp140 Polyclonal Antibody - Images



Nopp140 Polyclonal Antibody - Background

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