

**NOLC1 Rabbit mAb**  
**Catalog # AP75816****Specification**

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**NOLC1 Rabbit mAb - Product Information**

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	<a href="#">Q14978</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	73603

**NOLC1 Rabbit mAb - Additional Information****Gene ID** 9221**Other Names**  
NOLC1**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A  
IHC-F~~N/A  
ICC~~N/A**Format**  
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**  
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**NOLC1 Rabbit mAb - 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:<a href="http://www.uniprot.org/citations/10567578" target="\_blank">10567578</a>, PubMed:<a href="http://www.uniprot.org/citations/26399832" target="\_blank">26399832</a>). 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:<a href="http://www.uniprot.org/citations/26399832" target="\_blank">26399832</a>). 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:<a href="http://www.uniprot.org/citations/9016786" target="\_blank">9016786</a>). It has intrinsic

GTPase and ATPase activities (PubMed: <a href="http://www.uniprot.org/citations/9016786" target="\_blank">9016786</a>).

#### 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.

#### NOLC1 Rabbit mAb - 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](#)

#### NOLC1 Rabbit mAb - Images



