

Product Name: NOLC1 Rabbit Monoclonal Antibody
Catalog #: AMRe85865



Summary

Production Name	NOLC1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	NOLC1
Alternative Names	P130; NOPP130; NOPP140; NS5ATP13
Gene ID	9221.0
SwissProt ID	Q14978.A synthetic peptide of human NOLC1

Application

Dilution Ratio	WB:1:500-1:1000,IHC:1:50-1:100,ICC:1:50-1:200
Molecular Weight	Calculated MW: 74 kDa; Observed MW: 110 kDa

Background

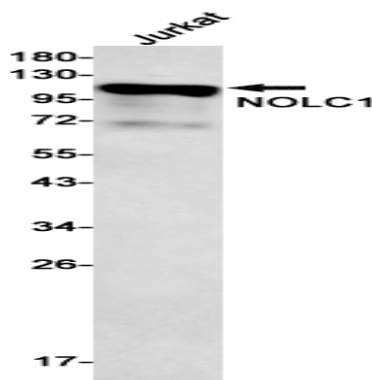
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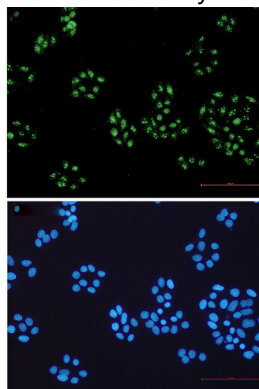
Nucleolar protein that acts as a regulator of RNA polymerase I by connecting RNA polymerase I with enzymes responsible for ribosomal processing and modification (PubMed:10567578, PubMed:26399832). Required for neural crest specification: following monoubiquitination by the BCR(KBTBD8) complex, associates 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). 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). It has intrinsic GTPase and ATPase activities (PubMed:9016786).

Research Area

Image Data

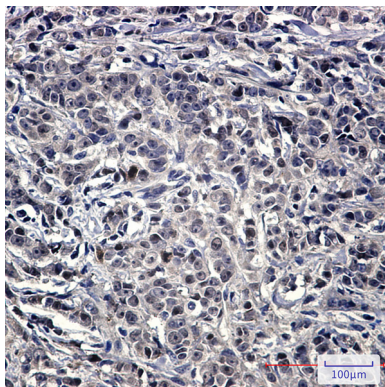


Western blot analysis of NOLC1 in Jurkat lysates using NOLC1 antibody.



Immunocytochemistry analysis of NOLC1 (green) in HeLa using NOLC1 antibody, and DAPI (blue)

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Immunohistochemistry analysis of paraffin-embedded Human breast cancer using NOLC1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.