

NOLC1 Rabbit mAb

Catalog # AP75816

Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	Q14978
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	73603

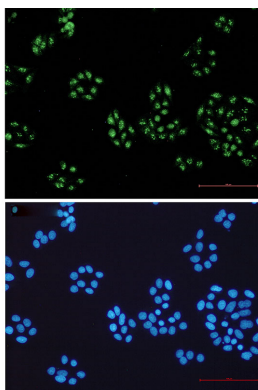
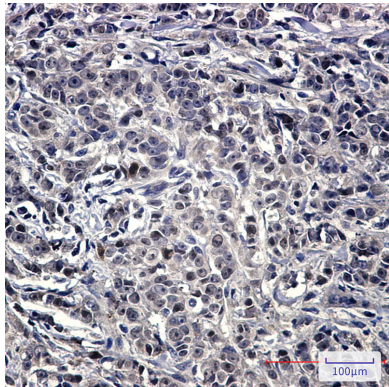
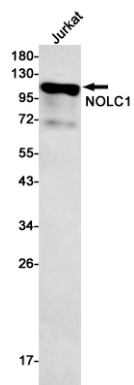
Additional Information

Gene ID	9221
Other Names	NOLC1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A ICC~~N/A
Format	Liquid

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 , 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 nucleogenesis, 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).
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.

Images



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