

Product datasheet

Anti-NOLC1 antibody ab56489

1 Image

Overview

Product name	Anti-NOLC1 antibody
Description	Mouse monoclonal to NOLC1
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment, corresponding to amino acids 590-700 of Human NOLC1

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: None PBS, pH 7.2
Purity	Protein G purified
Clonality	Monoclonal
Isotype	IgG3
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab56489** in the following tested applications.

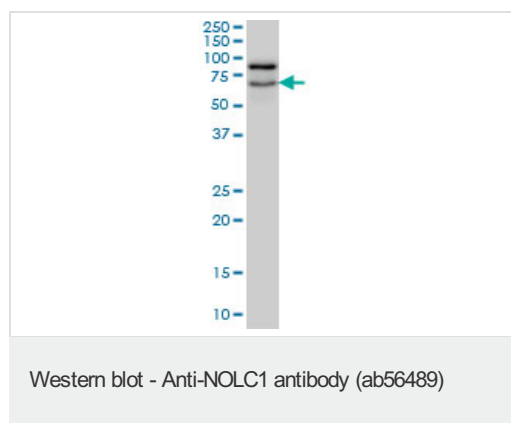
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 74 kDa.

Target

Function	Related to nucleologenesis, 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.
Sequence similarities	Contains 1 LisH domain.
Post-translational modifications	Undergoes rapid and massive phosphorylation/dephosphorylation cycles on CK2 and PKC sites. There is evidence suggesting that CDK1 kinase phosphorylates p130 at the M-phase.
Cellular localization	Nucleus > nucleolus. Cytoplasm. 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



NOLC1 antibody (ab56489) at 1ug/lane + HepG2 cell lysate at 25ug/lane.

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