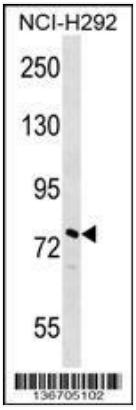
NOLC1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NOLC1, Polyclonal Antibody
Full Product Name	NOLC1, NT (NOLC1, KIAA0035, NS5ATP13, Nucleolar and coiled-body phosphoprotein 1, 140kD nucleolar phosphoprotein, Hepatitis C virus NS5A-transactivated protein 13, Nucleolar 130kD protein, Nucleolar phosphoprotein p130) (Biotin)
Product Gene Name	anti-NOLC1 antibody
Product Synonym Names	NOLC1; KIAA0035; NS5ATP13; Nucleolar and coiled-body phosphoprotein 1; 140kD nucleolar phosphoprotein; Hepatitis C virus NS5A-transactivated protein 13; Nucleolar 130kD protein; Nucleolar phosphoprotein p130
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	73,603 Da
Chromosome Location	Chromosome: 10; NC_000010.10 (103911933..103923627). Location: 10q24.32
OMIM	602394
3D Structure	ModBase 3D Structure for Q14978
Immunogen	NOLC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 161-191 amino acids from the N-terminal region of human NOLC1.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-NOLC1 antibody	Antibodies; Infectious Disease Hepatitis
Applications Tested/Suitable for anti-NOLC1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-NOLC1 antibody	WB: 1:100-500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-NOLC1 antibody	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.
Product References and Citations for anti-NOLC1 antibody	Thiry, M., et al. Histochem. Cell Biol. 132(2):129-140(2009). Hwang, Y.C., et al. Am. J. Pathol. 175(1):342-354(2009). Renvoise, B., et al. Hum. Mol. Genet. 18(7):1181-1189(2009). Lee, W.K., et al. Biochem. Biophys. Res. Commun. 376(2):439-444(2008). Tsai, Y.T., et al. J. Biomed. Sci. 15(4):471-486(2008).

Other Notes	Small volumes of anti-NOLC1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NOLC1 purchase	MBS6325974 is an antibody targeting NOLC1. Also known as NOLC1, NT (NOLC1, KIAA0035, NS5ATP13, Nucleolar and coiled-body phosphoprotein 1, 140kD nucleolar phosphoprotein, Hepatitis C virus NS5A-transactivated protein 13, Nucleolar 130kD protein, Nucleolar phosphoprotein p130) (Biotin). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-NOLC1 antibody
NOLC1 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the NOLC1 antibody detected the NOLC1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NOLC1. It may not necessarily be applicable to this product.

NCBI GI #	148596949
NCBI GeneID	9221
NCBI Accession #	NP_004732.2
UniProt Primary Accession #	Q14978
UniProt Secondary Accession #	Q15030; Q5VV70; Q9BUV3
UniProt Related Accession #	Q14978
GenBank Nucleotide #	NM_004741.3
NCBI Official Full Name	nucleolar and coiled-body phosphoprotein 1
NCBI Official Synonym Full Names	nucleolar and coiled-body phosphoprotein 1
NCBI Official Symbol	NOLC1
NCBI Official Synonym Symbols	P130; NOPP130; NOPP140; NS5ATP13
UniProt Protein Name	Nucleolar and coiled-body phosphoprotein 1
UniProt Synonym Protein Names	140 kDa nucleolar phosphoprotein; Nopp140; Hepatitis C virus NS5A-transactivated protein 13; HCV NS5A-transactivated protein 13; Nucleolar 130 kDa protein; Nucleolar phosphoprotein p130
Protein Family	Nucleolar and coiled-body phosphoprotein
UniProt Gene Name	NOLC1
UniProt Synonym Gene Names	KIAA0035; NS5ATP13; Nopp140
UniProt Entry Name	NOLC1_HUMAN

NCBI Protein Information	nucleolar and coiled-body phosphoprotein 1; nucleolar protein p130; nucleolar 130 kDa protein; nucleolar phosphoprotein p130; 140 kDa nucleolar phosphoprotein; HCV NS5A-transactivated protein 13; HCV NS5A trans-regulated protein 13; nucleolar and coiled-b
UniProt Comments for NOLC1	NOLC1: 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. 3 isoforms of the human protein are produced by alternative splicing. Protein type: RNA-binding; Nucleolus; Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 10q24.32 Cellular Component: nucleoplasm; Cajal body; cytoplasm; nucleolus Molecular Function: protein binding; GTP binding; ATP binding Biological Process: mitosis; cell cycle; rRNA processing; nucleolus organization and biogenesis
Research Articles on NOLC1	**1.** Structural disorder and local order of hNopp140
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/nolc1/6325974