

Rabbit NCL Polyclonal Antibody | anti-NCL antibody

NCL Antibody (Center P291)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289612	Rabbit	Human (Predicted Reactivity: Monkey)	Immunofluorescence, ELISA, Western Blot

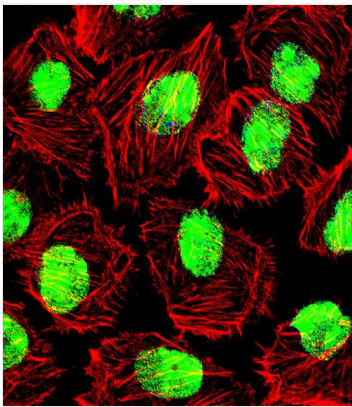
PRODUCT SYNONYMS

NCL; Polyclonal Antibody; NCL Antibody (Center P291); Nucleolin; Protein C23; anti-NCL antibody

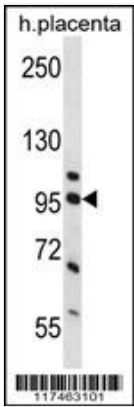
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NCL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 276-304 amino acids from the Central region of human NCL.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	276-304
Sequence Length	710
Applicable Applications for anti-NCL antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Fluorescent confocal image of U251 cell stained with NCL Antibody (Center P291). U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with NCL primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). NCL immunoreactivity is localized to Nucleus significantly.



WB (Western Blot)
NCL Antibody (Center P291) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the NCL antibody detected the NCL protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NCL antibody	Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, is involved in the synthesis and maturation of ribosomes. It is located mainly in dense fibrillar regions of the nucleolus. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. The intron 11 of the NCL gene encodes a small nucleolar RNA, termed U20.
References	Ishimaru, D., et al. J. Biol. Chem. 285(35):27182-27191(2010) Tulchin, N., et al. Am. J. Pathol. 176(3):1203-1214(2010) Strang, B.L., et al. J. Virol. 84(4):1771-1784(2010) Bertrand, L., et al. J. Virol. 84(1):109-118(2010) Jerke, U., et al. PLoS ONE 4 (12), E8302 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	55956788
NCBI GeneID	4691
NCBI Accession #	NP_005372.2
NCBI GenBank Nucleotide #	NM_005381.2
UniProt Accession #	P19338; Q53SK1; Q8NB06; Q9UCF0; Q9UDG1
Molecular Weight	76614
NCBI Official Full Name	nucleolin
NCBI Official Synonym Full Names	nucleolin
NCBI Official Symbol	NCL
NCBI Official Synonym Symbols	C23
NCBI Protein Information	nucleolin
UniProt Protein Name	Nucleolin

UniProt Gene Name	NCL
UniProt Entry Name	NUCL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ncl-antibody-immunofluorescence-western-blot-elisa/289612>