



Anti-NCL (aa 2-17) polyclonal antibody (CPBT-56016RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human NCL.
Antigen Description	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.
Immunogen	Synthetic peptide: VKLAKAGKNQGDPKKMA conjugated to KLH, corresponding to N terminal amino acids 2-17 of Human Nucleolin with a C-terminal added cysteine.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IP, ICC/IF, FC
Sequence Similarities	Contains 4 RRM (RNA recognition motif) domains.
Cellular Localization	Nucleus # nucleolus. Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs.
Format	Liquid
Size	50 µl

Buffer	Preservative: 15mM Sodium AzideConstituents: 0.01M PBS, pH 7.4
Preservative	15mM Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	NCL nucleolin [Homo sapiens]
Official Symbol	NCL
Synonyms	NCL; nucleolin; C23; C23; FLJ45706; NCL; Nucl; NUCL_HUMAN; Nucleolin; Protein C23; OTTHUMP00000204507;
Entrez Gene ID	4691
Protein Refseq	NP_005372
UniProt ID	A0A024R4A0
Chromosome Location	2q12-qter
Pathway	Aurora B signaling, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, conserved biosystem; Regulation of Telomerase, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem; Validated targets of C-MYC transcriptional activation, organism-specific biosystem;
Function	DNA binding; RNA binding; nucleic acid binding; nucleotide binding; protein C-terminus binding; protein binding; telomeric DNA binding;