

NCL Antibody (Center E443) Blocking peptide
Synthetic peptide
Catalog # BP11680c**Specification**

NCL Antibody (Center E443) Blocking peptide - Product InformationPrimary Accession [P19338](#)**NCL Antibody (Center E443) Blocking peptide - Additional Information****Gene ID** 4691**Other Names**

Nucleolin, Protein C23, NCL

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NCL Antibody (Center E443) Blocking peptide - Protein Information**Name** NCL**Function**

Nucleolin is the major nucleolar protein of growing eukaryotic cells. It is found associated with intranucleolar chromatin and pre-ribosomal particles. It induces chromatin decondensation by binding to histone H1. It is thought to play a role in pre-rRNA transcription and ribosome assembly. May play a role in the process of transcriptional elongation. Binds RNA oligonucleotides with 5'-UUAGGG- 3' repeats more tightly than the telomeric single-stranded DNA 5'- TTAGGG-3' repeats.

Cellular Location

Nucleus, nucleolus. Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs

NCL Antibody (Center E443) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

NCL Antibody (Center E443) Blocking peptide - Images**NCL Antibody (Center E443) Blocking peptide - Background**

The protein encoded by this gene is the heavy chain of aserine protease inhibitor that may serve to carry hyaluronan in plasma. This gene is part of a cluster of similar genes on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene.

NCL Antibody (Center E443) Blocking peptide - References

So, H.C., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (1), 103-113 (2010) :Scott, L.J., et al. Proc. Natl. Acad. Sci. U.S.A. 106(18):7501-7506(2009) Hamm, A., et al. BMC Cancer 8, 25 (2008) :Scarchilli, L., et al. J. Biol. Chem. 282(41):30161-30170(2007) Bunkenborg, J., et al. Proteomics 4(2):454-465(2004)