

NOC2L Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP1925a**Specification**

NOC2L Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9Y3T9](#)**NOC2L Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 26155**Other Names**

Nucleolar complex protein 2 homolog, Protein NOC2 homolog, NOC2-like protein, Novel INHAT repressor, NOC2L, NIR

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1925a](/product/products/AP1925a) was selected from the Center region of human NOC2L. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

NOC2L Antibody (Center) Blocking Peptide - Protein Information**Name** NOC2L**Synonyms** NIR**Function**

Acts as an inhibitor of histone acetyltransferase activity; prevents acetylation of all core histones by the EP300/p300 histone acetyltransferase at p53/TP53-regulated target promoters in a histone deacetylases (HDAC)-independent manner. Acts as a transcription corepressor of p53/TP53- and TP63-mediated transactivation of the p21/CDKN1A promoter. Involved in the regulation of p53/TP53-dependent apoptosis. Associates together with TP63 isoform TA*-gamma to the p21/CDKN1A promoter.

Cellular Location

Nucleus, nucleoplasm. Nucleus, nucleolus. Note=Translocates from the nucleoli to the

nucleoplasm in presence of several stressors like ultraviolet irradiation and actinomycin-D
Predominantly detected in the nucleoli in non-mitotic cells Predominantly detected in
nucleoplasma in cells undergoing mitosis

NOC2L Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NOC2L Antibody (Center) Blocking Peptide - Images

NOC2L Antibody (Center) Blocking Peptide - Background

NOC2L is a novel INHAT (inhibitor of histone acetyltransferase). Upon recruitment by p53, this protein represses transcription of both p53-dependent reporters and endogenous target genes.

NOC2L Antibody (Center) Blocking Peptide - References

Ota, T., et al., Nat. Genet. 36(1):40-45 (2004).