

**NCOR1 Antibody (N-term) Blocking Peptide**  
Synthetic peptide  
Catalog # BP1121a**Specification**

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**NCOR1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [075376](#)**NCOR1 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 9611

**Other Names**

Nuclear receptor corepressor 1, N-CoR, N-CoR1, NCOR1, KIAA1047

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1121a](#) was selected from the N-term region of human NCOR1. 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.

**NCOR1 Antibody (N-term) Blocking Peptide - Protein Information**

Name NCOR1

Synonyms KIAA1047

**Function**

Mediates transcriptional repression by certain nuclear receptors (PubMed:[20812024](http://www.uniprot.org/citations/20812024)). Part of a complex which promotes histone deacetylation and the formation of repressive chromatin structures which may impede the access of basal transcription factors. Participates in the transcriptional repressor activity produced by BCL6. Recruited by ZBTB7A to the androgen response elements/ARE on target genes, negatively regulates androgen receptor signaling and androgen-induced cell proliferation (PubMed:[20812024](http://www.uniprot.org/citations/20812024)). Mediates the NR1D1-dependent repression and circadian regulation of TSHB expression (By similarity). The NCOR1-HDAC3 complex regulates the circadian expression of the core clock gene ARTNL/BMAL1 and the genes involved in lipid metabolism in the liver (By similarity).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00624}.

**NCOR1 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**NCOR1 Antibody (N-term) Blocking Peptide - Images****NCOR1 Antibody (N-term) Blocking Peptide - Background**

NCOR1 mediates ligand-independent transcription repression of thyroid-hormone and retinoic-acid receptors by promoting chromatin condensation and preventing access of the transcription machinery. It is part of a complex which also includes histone deacetylases and transcriptional regulators similar to the yeast protein Sin3p. The gene is located between the Charcot-Marie-Tooth and Smith-Magenis syndrome critical regions on chromosome 17. An alternatively spliced transcript variant has been described, but its full length sequence has not been determined.

**NCOR1 Antibody (N-term) Blocking Peptide - References**

Tai, H.H., et al., Biochem. Biophys. Res. Commun. 308(1):170-176 (2003).Ishizuka, T., et al., Mol. Cell. Biol. 23(15):5122-5131 (2003).Loinder, K., et al., J. Steroid Biochem. Mol. Biol. 84(1):15-21 (2003).Wang, S., et al., Oncogene 21(55):8388-8396 (2002).Baek, S.H., et al., Cell 110(1):55-67 (2002).