

# Goat Anti-NCOR1 Antibody

Peptide-affinity purified goat antibody

Catalog # AF4555a

## Product Information

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<b>Application</b>	IF, Pep-ELISA
<b>Primary Accession</b>	<a href="#">O75376</a>
<b>Other Accession</b>	<a href="#">NP_006302.2</a>
<b>Reactivity</b>	Human, Mouse, Rat, Dog, Bovine
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	NCOR1
<b>Calculated MW</b>	270210

## Additional Information

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<b>Gene ID</b>	9611
<b>Other Names</b>	NCOR1, nuclear receptor co-repressor 1, KIAA1047, MGC104216, N-CoR, TRAC1, hCIT529I10, hN-CoR, thyroid hormone- and retinoic acid receptor-associated corepressor 1
<b>Dilution</b>	IF~~1:50~200 Pep-ELISA~~N/A
<b>Format</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Immunogen</b>	Peptide with sequence C-SYDNIKNAREGTRSP, from the internal region of the protein sequence according to NP_006302.2.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Goat Anti-NCOR1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	NCOR1
<b>Synonyms</b>	KIAA1047
<b>Function</b>	Mediates transcriptional repression by certain nuclear receptors (PubMed: <a href="#">20812024</a> ). 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

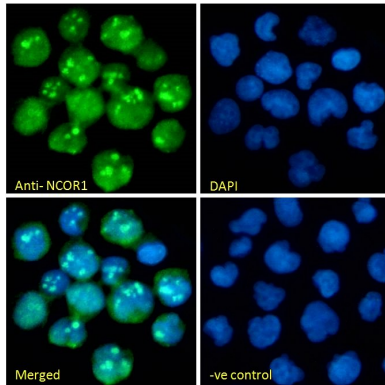
repressor activity produced by BCL6. Recruited by ZBTB7A to the androgen response elements/ARE on target genes, negatively regulates androgen receptor signaling and androgen-induced cell proliferation (PubMed:[20812024](#)). Mediates the NR1D1-dependent repression and circadian regulation of TSHB expression (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}.

## Images

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AF4555a Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nucleoli and nuclear staining. The nuclear stain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.