

**Anti-NCOR1 Antibody**  
**Catalog # AP53721****Specification**

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**Anti-NCOR1 Antibody - Product Information**

Application	WB, IF, IHC
Primary Accession	<a href="#">O75376</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	270210

**Anti-NCOR1 Antibody - Additional Information****Gene ID** 9611**Other Names**

KIAA1047; Nuclear receptor corepressor 1; N-CoR; N-CoR1

**Target/Specificity**

Recognizes endogenous levels of NCOR1 protein.

**Dilution**

WB~~1/500 - 1/1000

IF~~1/50 - 1/200

IHC~~1:100~500

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C.Stable for 12 months from date of receipt

**Anti-NCOR1 Antibody - Protein Information****Name** NCOR1**Synonyms** KIAA1047**Function**

Mediates transcriptional repression by certain nuclear receptors (PubMed:<a href="http://www.uniprot.org/citations/20812024" target="\_blank">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:<a href="http://www.uniprot.org/citations/20812024"

target="\_blank">20812024</a>). 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

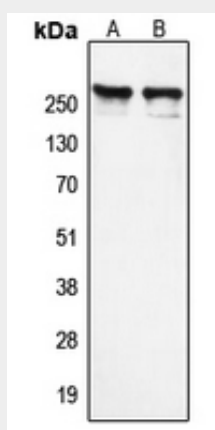
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00624}.

#### Anti-NCOR1 Antibody - Protocols

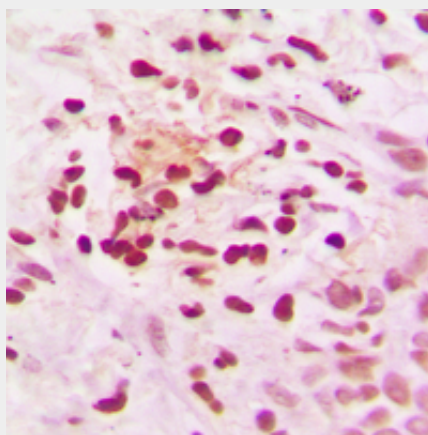
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Anti-NCOR1 Antibody - Images

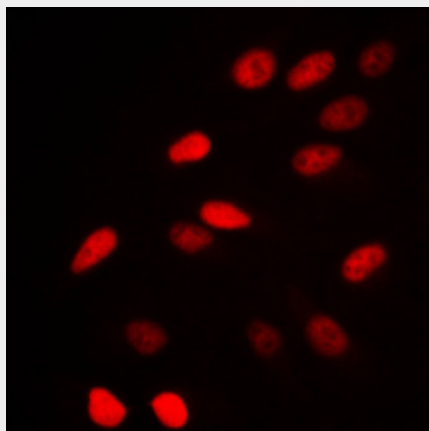


Western blot analysis of NCOR1 expression in K562 (A), HeLa (B) whole cell lysates.



Immunohistochemical analysis of NCOR1 staining in human breast cancer formalin fixed paraffin

embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of NCOR1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

#### **Anti-NCOR1 Antibody - Background**

Rabbit polyclonal antibody to NCOR1