

Datasheet for ABIN387976

**anti-NCOR1 antibody (N-Term)**[Go to Product page](#)**3** Images

## Overview

Quantity:	400 µL
Target:	NCOR1
Binding Specificity:	AA 16-47, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This NCOR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-47 amino acids from the N-terminal region of human NCOR1.
Clone:	RB2594
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	NCOR1
Alternative Name:	NCOR1 ( <a href="#">NCOR1 Products</a> )

## Target Details

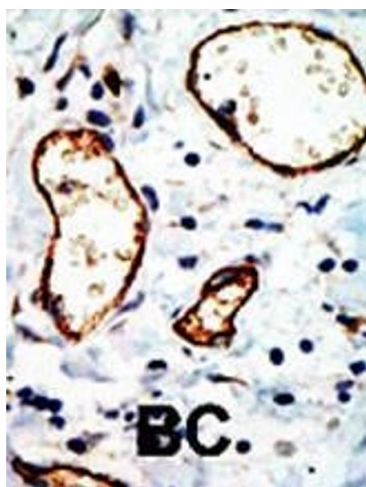
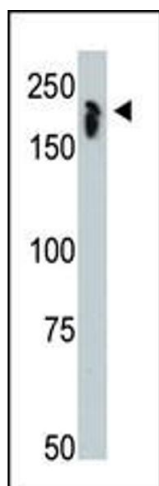
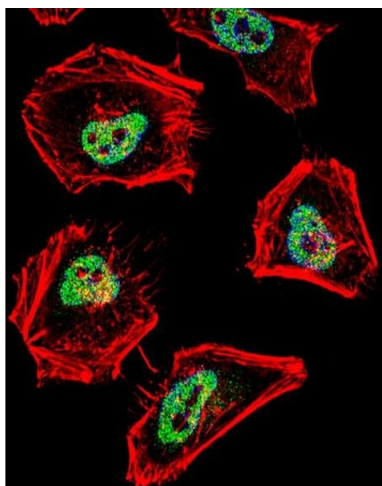
Background:	NCOR1 mediates ligand-independent transcription repression of thyroid-hormone and retinoic-acid receptors by promoting chromatin condensation and preventing access of the transcription machinery. It is part of a complex which also includes histone deacetylases and transcriptional regulators 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.
Molecular Weight:	270210
Gene ID:	9611
NCBI Accession:	<a href="#">NP_001177367</a> , <a href="#">NP_001177369</a> , <a href="#">NP_006302</a>
UniProt:	<a href="#">O75376</a>
Pathways:	<a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">Chromatin Binding</a> , <a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	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.
Expiry Date:	6 months



#### Immunofluorescence

**Image 1.** Fluorescent confocal image of HeLa cell stained with (MOUSE) Ncor1 Antibody (ABIN387976 and ABIN2844785). HeLa cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with Ncor1 primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). Ncor1 immunoreactivity is localized to nucleus significantly.

#### Western Blotting

**Image 2.** The anti-NCOR1 Pab (ABIN387976 and ABIN2844785) is used in Western blot to detect NCOR1 in mouse thymus tissue lysate.

#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.