

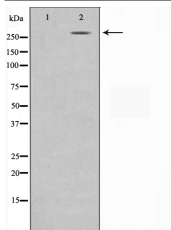
NCoR1 Ab

Cat.#: AF0270
Size: 100ul,200ul

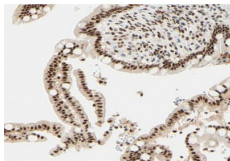
Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 270kDa
Clonality: Polyclonal

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|-------------------------------|--|
| Application: | WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500 |
| Reactivity: | Human,Mouse |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |
| Specificity: | NCoR1 Ab detects endogenous levels of total NCoR1. |
| Immunogen: | A synthesized peptide derived from human NCoR1. |
| Uniprot: | O75376 |
| Description: | N-CoR1 is a protein that regulates the activity of some transcription factors, including nuclear receptors, by promoting histone deacetylation and chromatin condensation, thereby altering the accessibility of various genes to the transcriptional machinery. Is known to play a role genetic programming including that for myogenesis. Is a component of a large corepressor complex that contains SIN3A/B and histone deacetylases HDAC1 and HDAC2. This complex associates with the thyroid and the retinoic acid receptors in the absence of ligand. Interacts with the catalytic domain of HDAC9. |
| Subcellular Location: | Nucleus. |
| Similarity: | The N-terminal region contains three independent domains that are capable of mediating transcriptional repression (RD1, RD2 and RD3).The C-terminal region contains two separate nuclear receptor-interacting domains (ID1 and ID2), each of which contains a conserved sequence referred to as the CORNR box. This motif is necessary and sufficient for binding to unligated nuclear hormone receptors, while sequences flanking the CORNR box determine the precise nuclear hormone receptor specificity (By similarity).Belongs to the N-CoR nuclear receptor corepressors family. |
| Storage Condition and Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt. |



Western blot analysis on MDA-MB-435 cell lysate using NCoR1 Ab. The lane on the left is treated with the antigen-specific peptide.



AF0270 at 1/100 staining human colon tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the Ab for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit Ab was used as the secondary.



AF0270 staining MDA-MB-435 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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