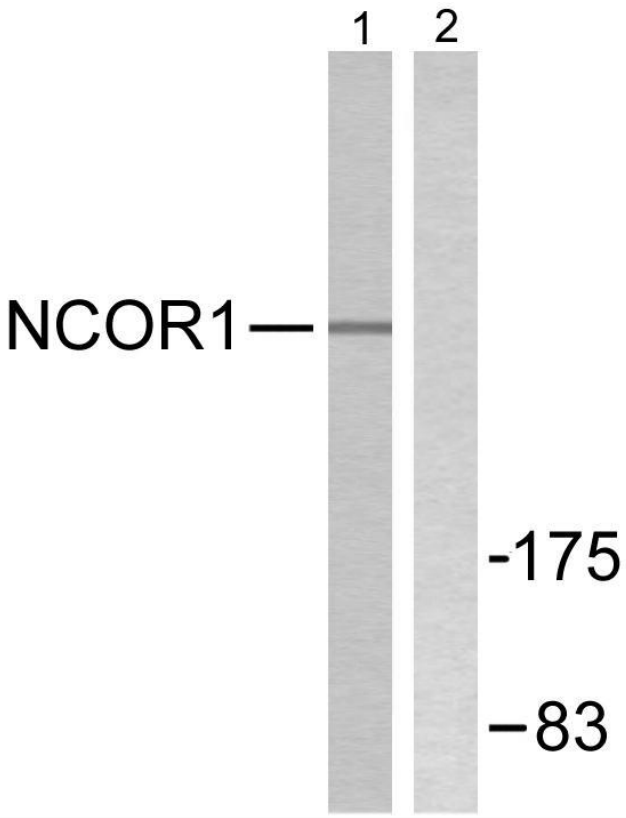
# N-CoR Monoclonal Antibody

| | |
|---|---|
| **Catalog No** | YP-mAb-03320 |
| **Isotype** | IgG |
| **Reactivity** | Human;Mouse |
| **Applications** | WB |
| **Gene Name** | NCOR1 |
| **Protein Name** | Nuclear receptor corepressor 1 |
| **Immunogen** | The antiserum was produced against synthesized peptide derived from human NCoR1. AA range:51-100 |
| **Specificity** | N-CoR Monoclonal Antibody detects endogenous levels of N-CoR protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source** | Monoclonal, Mouse,IgG |
| **Purification** | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Dilution** | WB 1:500-1:2000 |
| **Concentration** | 1 mg/ml |
| **Purity** | ≥90% |
| **Storage Stability** | -20°C/1 year |
| **Synonyms** | NCOR1; KIAA1047; Nuclear receptor corepressor 1; N-CoR; N-CoR1 |
| **Observed Band** | 270kD |
| **Cell Pathway** | Nucleus . |
| **Tissue Specificity** | Brain,Colon,Epithelium,Fetal brain,Lung,Ovary,Pancreas,Pooled,Skin,Testis, |
| **Function** | domain: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.,domain:The N-terminal region contains three independent domains that are caMABle of mediating transcriptional repression (RD1, RD2 and RD3).,function:Mediates transcriptional repression by certain nuclear receptors. Part of a complex which promotes histone deacetylation and the formation of repressive chromatin structures which may impede the access of basal transcription factors.,PTM:Ubiquitinated; mediated by SIAH2 and leading to its subsequent proteasomal degradation.,similarity:Belongs to the N-CoR nuclear receptor corepres |
| **Background** | This gene encodes a protein that 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. This gene is located between the Charcot-Marie-Tooth and Smith-Magenis syndrome critical regions on chromosome 17. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 17 and 20.[provided by RefSeq, Jun 2010], |
| **matters needing attention** | Avoid repeated freezing and thawing! |
| **Usage suggestions** | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

## Products Images




Western Blot analysis of various cells using N-CoR Monoclonal Antibody