



N-CoR Monoclonal Antibody

Catalog No	YP-Ab-03258
Isotype	IgG
Reactivity	Human
Applications	WB;IHC;IF;ELISA
Gene Name	NCOR1
Immunogen	Purified recombinant fragment of N-CoR (aa1-192) expressed in E. Coli.
Specificity	N-CoR Monoclonal Antibody detects endogenous levels of N-CoR protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	hCIT529I10;hN CoR;KIAA1047;N CoR;N CoR1;NCOR1;Nuclear receptor corepressor 1;TRAC1;N-CoR;N-CoR1
Observed Band	
Calculated Molecular Weight	
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 capable 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



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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],

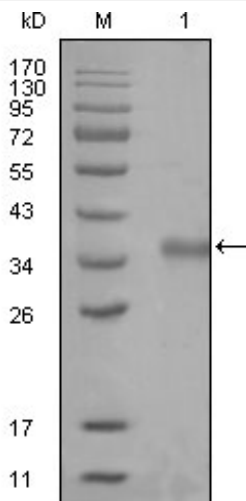
matters needing attention

Avoid repeated freezing and thawing!

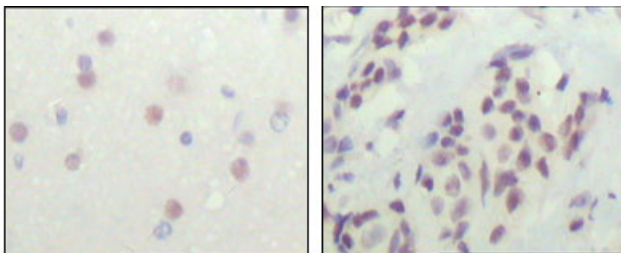
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using N-CoR Monoclonal Antibody against truncated Trx-N-CoR recombinant protein (1).



Immunohistochemistry analysis of paraffin-embedded human cerebra (left) and breast carcinoma tissue (right), showing nuclear location with DAB staining using N-CoR Monoclonal Antibody.