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NCoR1 Rabbit pAb

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Catalog # AP54187

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q60974
Predicted	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	270642
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse NC0R1
Epitope Specificity	2301-2400/2453
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Nuclear co-repressor 2 (N-CoR2) gene (NCOR2, previously called silencing mediator for retinoid and thyroid hormone receptor SMRT) is recruited to nuclear and non-nuclear receptors in a large repressing complex containing also N-CoR1, mSin3 and HDACs. This large complex represses transcription in absence of ligand. Mediates the transcriptional repression activity of some nuclear receptors by promoting chromatin condensation, thus preventing access of the basal transcription. Tissue specificity: Ubiquitous. It is belongs to the N-CoR nuclear receptor corepressors family.

Additional Information

Other Names	Nuclear receptor corepressor 1, N-CoR, N-CoR1, Retinoid X receptor-interacting protein 13, RIP13, Ncor1, Rxrip13
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	Ncor1

Synonyms	Rxrip13
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. 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 (By similarity). Mediates the NR1D1-dependent repression and circadian regulation of TSHB expression (PubMed:24794873). 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 (PubMed:19037247).
Cellular Location	Nucleus.
Tissue Location	Ubiquitous.

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