

# Product Datasheet

## NCOR1 Antibody NB100-58824

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB100-58824**

## NCOR1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

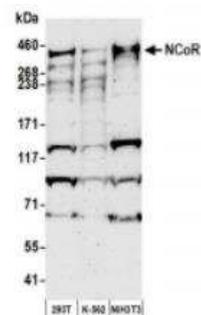
Product Description	
Description	This antibody can be used as the primary antibody in a PLA assay with the following as complementing antibodies:NB200-347
Host	Rabbit
Gene ID	9611
Gene Symbol	NCOR1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1525 and 1575 of human nuclear receptor co-repressor 1 using the numbering given in entry NP_006302.2 (GeneID 9611).
Notes	This antibody can be used as the primary antibody in a PLA assay with the following as complementing antibodies:NB200-347

Product Application Details	
Applications	Western Blot, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate, Chromatin Immunoprecipitation (ChIP) 10 ug, Chromatin Immunoprecipitation Sequencing 2 ug
Application Notes	ChIP-Seq 10 ug as per Ram O et al., Cell. 2011 Dec 23;147(7):1628-39.

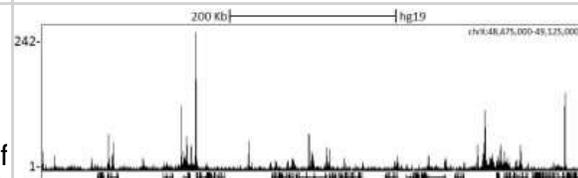


## Images

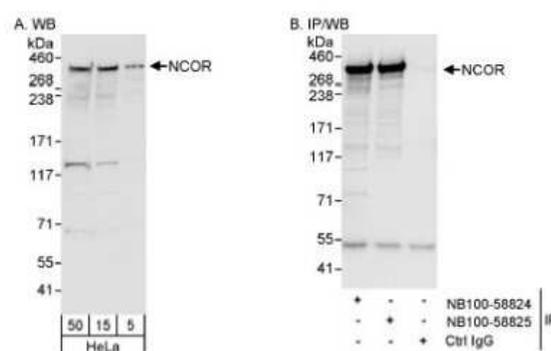
Western Blot: NCOR1 Antibody [NB100-58824] - Whole cell lysate (50 ug) from HEK293T, K-562, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-NCoR antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Chromatin Immunoprecipitation Sequencing: NCOR1 Antibody [NB100-58824] - Localization of NCoR Binding Sites by ChIP-seq. Chromatin from K562 cells was immunoprecipitated with anti-NCoR antibody NB100-58824 and analyzed by DNA sequencing. The figure illustrates the peak distribution of NCoR binding within a 650 Kb region of the human X chromosome as detected using anti-NCoR antibody NB100-58824. ChIP-seq validation performed by Diogenode, Denville, NJ.



Immunoprecipitation: NCOR1 Antibody [NB100-58824] - Detection of Human NCOR on HeLa whole cell lysate using NB100-5882. NCOR was also immunoprecipitated by rabbit anti-NCOR antibody NB100-58825.



## Publications

Dai K, Hussain MM. NR2F1 disrupts synergistic activation of the MTP gene transcription by HNF-4alpha and HNF-1alpha. *J Lipid Res* 2012-05-01 [PMID: 22357705]

Alenghat T, Meyers K, Mullican SE et al. Nuclear receptor corepressor and histone deacetylase 3 govern circadian metabolic physiology. *Nature* 2008-12-01 [PMID: 19037247]

Bonofiglio D, Santoro A, Martello E et al. Mechanisms of divergent effects of activated peroxisome proliferator-activated receptor-gamma on mitochondrial citrate carrier expression in 3T3-L1 fibroblasts and mature adipocytes. *Biochim Biophys Acta* 2013-01-28 [PMID: 23370576] (Chemotaxis, Mouse)



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### **Products Related to NB100-58824**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00009611-Q01-10ug	Recombinant Human NCOR1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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