

NCoR Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006302.2

Catalog No. A301-145A

GeneID 9611

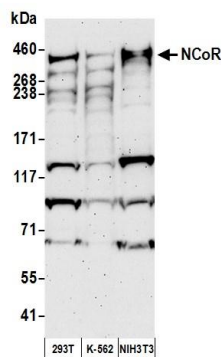
Lot No. A301-145A-3



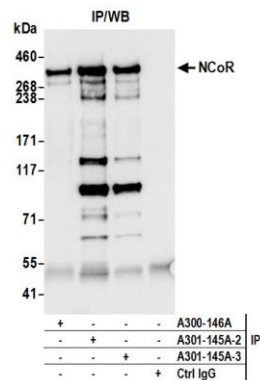
APPLICATIONS	WB, IP, ChIP-Seq						
SPECIES REACTIVITY	Human, Mouse						
AMOUNT	100 µl						
CONCENTRATION	200 µg/ml						
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt						
PHYSICAL STATE	Liquid						
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide						
ISOTYPE	IgG						
ORIGIN	USA						
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to NCoR immobilized on solid support. The epitope recognized by A301-145A 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). Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.						
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 10 µg/mg lysate</td></tr><tr><td>ChIP-Seq</td><td>2 µg</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	2 – 10 µg/mg lysate	ChIP-Seq	2 µg
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APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.						
ADDITIONAL INFO	https://www.bethyl.com/product/A301-145A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB						

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer

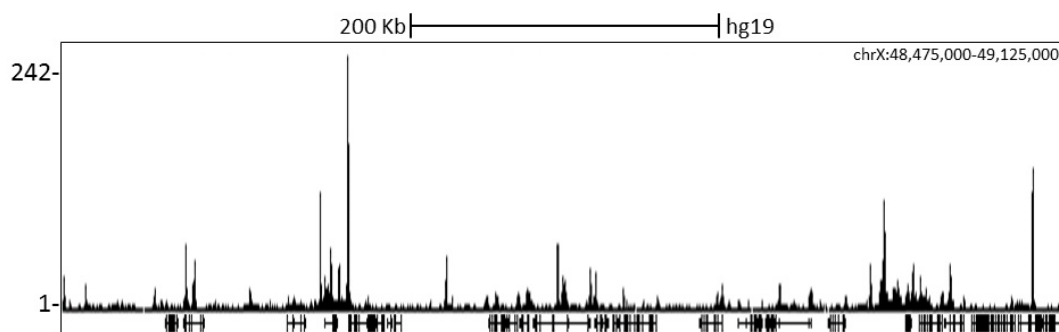
Date: June 21, 2019



Detection of human and mouse NCoR by western blot.
Samples: Whole cell lysate (50 µg) from HEK293T, K-562, and NIH 3T3 cells prepared using NETN lysis buffer.
Antibody: Affinity purified rabbit anti-NCoR antibody A301-145A (lot A301-145A-3) used for WB at 0.1 µg/ml.
Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human NCoR by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NCoR antibody A301-145A (lot A301-145A-3) used for IP at 6 µg per reaction. NCoR was also immunoprecipitated by a previous lot of this antibody (lot A301-145A-2) and rabbit anti-NCoR antibody A300-146A. For blotting immunoprecipitated NCoR, A301-145A was used at 0.1 µg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Localization of NCoR Binding Sites by ChIP-seq. Chromatin from K562 cells was immunoprecipitated with anti-NCoR antibody A301-145A 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 A301-145A. ChIP-seq validation performed by Diagenode, Denville, NJ.