

Datasheet for ABIN2779658
anti-NCOR2 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NCOR2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog, Zebrafish (Danio rerio), Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NCOR2
Sequence:	PMPRSSQEEK DEKEKEKEAE KEEKPEVEN DKEDLLKEKT DDTSGEDNDE
Predicted Reactivity:	Cow: 93%, Dog: 86%, Human: 100%, Mouse: 86%, Pig: 100%, Rat: 86%, Yeast: 87%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NCOR2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NCOR2
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Target Details

Alternative Name:	NCOR2 (NCOR2 Products)
Background:	<p>NCOR2 forms a large corepressor complex that contains SIN3A/B and histone deacetylases HDAC1 and HDAC2. This complex associates with the thyroid (TR) and the retinoid acid receptors (RAR) in the absence of ligand, and may stabilize their interaction with TFIIB. NCOR2 mediates the transcriptional repression activity of some nuclear receptors by promoting chromatin condensation, thus preventing access of the basal transcription. Western blots using two different antibodies against two unique regions of this protein target confirm the same apparent molecular weight in our tests.</p> <p>Alias Symbols: SMRT, TRAC, CTG26, SMRTE, TRAC1, N-CoR2, TNRC14, TRAC-1, SMAP270, SMRTE-tau</p> <p>Protein Interaction Partner: HDAC4, HDAC3, RARA, HMGA1, HDAC2, HDAC1, AURKA, BCL6, BCOR, GPS2, ZBTB16, UBC, E2F1, NR1I2, BTRC, HDAC7, NR1H2, THRA, RUNX1, Pparg, Nr2f1, Nr1i3, Nr2f2, CBX6, C1D, NR1H4, NR1D1, Ppard, SUMO2, CTBP1, ARNT, AHR, NCOR1, AR, NRD1, E2F4, ZBTB7A, SOX2, ESR1, CE</p> <p>Protein Size: 2524</p>
Molecular Weight:	275 kDa
Gene ID:	9612
NCBI Accession:	NM_006312 , NP_006303
UniProt:	Q9Y618
Pathways:	Notch Signaling , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 2524 AA
Restrictions:	For Research Use only

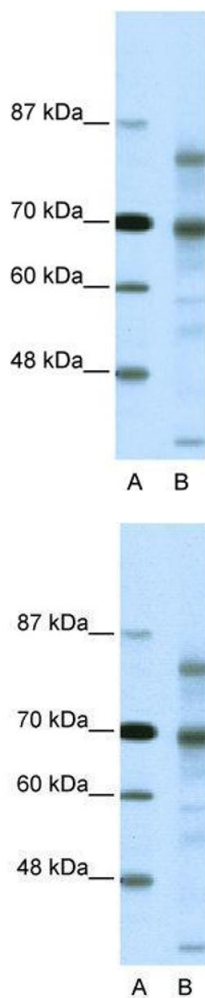
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NCOR2 Antibody Titration: 0.2-1 ug/ml Positive Control: HeLa cell lysate NCOR2 is supported by BioGPS gene expression data to be expressed in HeLa

Western Blotting

Image 2. WB Suggested Anti-NCOR2 Antibody Titration: 0.2-1 µg/mL Positive Control: HeLa cell lysate NCOR2 is supported by BioGPS gene expression data to be expressed in HeLa