

Datasheet for ABIN7464419
anti-NCOR2 antibody (AA 994-1005)



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Overview

Quantity:	100 µL
Target:	NCOR2
Binding Specificity:	AA 994-1005
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NCOR2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	A synthetic peptide from the human SMRT protein corresponding to amino acids 994-1005 (ASASDPHREKTQ) coupled to KLH.
Clone:	1212
Isotype:	IgG1
Cross-Reactivity:	Human, Monkey
Purification:	Protein G purified
Grade:	KO Validated

Target Details

Target:	NCOR2
Alternative Name:	nuclear receptor corepressor 2 (NCOR2 Products)
Background:	Nuclear receptor corepressor 2 , CTG26 , N-CoR2 , SMAP270 , SMRT , SMRTE , SMRTE-tau , TNRC14 , TRAC , TRAC-1 , TRAC1, This gene encodes a nuclear receptor co-repressor that mediates transcriptional silencing of certain target genes. The encoded protein is a member of a family of thyroid hormone- and retinoic acid receptor-associated co-repressors. This protein acts as part of a multisubunit complex which includes histone deacetylases to modify chromatin structure that prevents basal transcriptional activity of target genes. Aberrant expression of this gene is associated with certain cancers. Alternate splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Apr 2011]
Molecular Weight:	274 kDa
Gene ID:	9612
UniProt:	Q9Y618
Pathways:	Notch Signaling , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	For ChIP: Use 3 µL for 10 ⁶ cells. For IHC-Fr: Use at a dilution of 1:50. Immunohistochemical staining of SMRT in HeLa cells with this antibody results in nuclear staining. For WB: Use at a dilution of 1:250. Detects a band of approximately 220-250 kDa (predicted molecular weight: 274 kDa). Optimal dilutions/concentration should be determined by the researcher.
Comment:	Positive Control: HBL100 Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS pH 7.4, No Preservative
Preservative:	Without preservative
Storage:	4 °C, -20 °C

Handling

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.