

Datasheet for ABIN190289

anti-NCOR2 antibody (AA 994-1005)[Go to Product page](#)

Overview

Quantity:	0.1 mL
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), Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Purpose:	Anti-Smrt Mouse Monoclonal Antibody
Immunogen:	A KLH-conjugated synthetic peptide derived from human SMRT corresponding to aa 994-1005
Clone:	H7
Isotype:	IgG1
Specificity:	This antibody recognizes human SMRT.
Cross-Reactivity:	Human

Target Details

Target:	NCOR2
Alternative Name:	NCOR2 / SMRT (NCOR2 Products)

Target Details

Background: Nuclear receptor corepressor 2,Transcriptional corepressor (PubMed:20812024). Mediates the transcriptional repression activity of some nuclear receptors by promoting chromatin condensation, thus preventing access of the basal transcription. Isoform 1 and isoform 4 have different affinities for different nuclear receptors. Involved in the regulation BCL6-dependent of the germinal center (GC) reactions, mainly through the control of the GC B-cells proliferation and survival. Recruited by ZBTB7A to the androgen response elements/ARE on target genes, negatively regulates androgen receptor signaling and androgen-induced cell proliferation (PubMed:20812024). {PubMed:18212045, PubMed:20812024, PubMed:23911289}.,SMRT (Silencing Mediator for Retinoid and Thyroid receptors) is a 168 kD nuclear protein. Nuclear hormone receptors are transcription factors regulated by ligand binding. In the absence of ligand, there is a physical interaction between the nuclear receptors that do not interact with Hsp90 and a family of corepressors which includes SMRT. SMRT helps target histone deacetylases and other components of a multiprotein repressor complex to the specific target promoter to silence gene transcription.,Nucleus.,N-CoR2, CTG repeat protein 26, SMAP270, Silencing mediator of retinoic acid and thyroid hormone receptor, SMRT, T3 receptor-associated factor, TRAC, Thyroid-, retinoic-acid-receptor-associated corepressor

UniProt: [Q9Y618](#)

Pathways: [Notch Signaling](#), [Carbohydrate Homeostasis](#), [Chromatin Binding](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: Immunoblotting and
Immunoprecipitation: use at 1-5 µg/mL.
Positive control: HBL100

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: Dilute in PBS or medium which is identical to that used in the assay system.

Concentration: Lot specific

Buffer: 10 mM PBS, pH 7.4.

Storage: -20 °C

Handling

Storage Comment: This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze- thaw cycles.