

Datasheet for ABIN953617

anti-NCOA1 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.4 mL
Target:	NCOA1
Binding Specificity:	AA 593-625, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOA1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the central region (between 593-625aa) of human NCOA1 / SRC1.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes NCOA1/SRC1.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	NCOA1
Alternative Name:	NCOA1 (NCOA1 Products)

Target Details

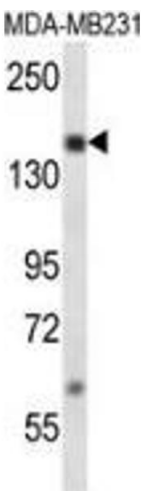
Background:	The protein encoded by the NCOA1 gene acts as a transcriptional coactivator for steroid and nuclear hormone receptors. It is a member of the p160/steroid receptor coactivator (SRC) family and like other family members has histone acetyltransferase activity and contains a nuclear localization signal, as well as bHLH and PAS domains. The product of this gene binds nuclear receptors directly and stimulates the transcriptional activities in a hormone-dependent fashion. Alternatively spliced transcript variants encoding different isoforms have been identified.Synonyms: BHLHE74, Class E basic helix-loop-helix protein 74, NCoA-1, NY-REN-52, Nuclear receptor coactivator 1, Protein Hin-2, RIP160, SRC-1, Steroid receptor coactivator 1
Gene ID:	8648
NCBI Accession:	NP_003734
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Nuclear Hormone Receptor Binding , Chromatin Binding , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium azide
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 freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis in MDA-MB231 cell line lysates (35ug/lane) using NCOA1 / SRC1 Antibody . This demonstrates the NCOA1 antibody detected the NCOA1protein (arrow).