

Datasheet for ABIN6972412  
**anti-NCOA1 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	NCOA1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This antibody was raised against a peptide within the N-terminal region of human NCOA1.
Isotype:	IgG
Characteristics:	<p>NCOA1 (Nuclear Receptor Coactivator 1) is a nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone-dependent fashion. Involved in the coactivation of different nuclear receptors, such as for steroids (PGR, GR and ER), retinoids (RXRs), thyroid hormone (TRs) and prostanoids (PPARs). Also involved in coactivation mediated by STAT3, STAT5A, STAT5B and STAT6 transcription factors. Displays histone acetyltransferase activity toward H3 and H4, the relevance of such activity remains however unclear. Plays a central role in creating multisubunit coactivator complexes that act via remodeling of chromatin, and possibly acts by participating in both chromatin remodeling and recruitment of general transcription factors. Required with NCOA2 to control energy balance between white and brown adipose tissues. Required for mediating steroid hormone response. Isoform 2 has a higher thyroid hormone-dependent transactivation activity than</p>

## Product Details

isoform 1 and isoform 3. NCOA1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot, it has been shown to react with Human samples.

Purification: Affinity Purified

## Target Details

Target: NCOA1

Alternative Name: NCOA1 ([NCOA1 Products](#))

Molecular Weight: 170 kDa

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

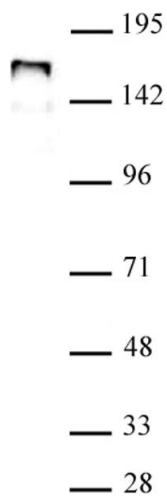
Buffer: Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.



Western Blotting

**Image 1.** NCOA1 antibody (pAb) tested by Western blot. Nuclear extract of HEK293 cells (20 µg) probed with NCOA1 antibody at a dilution of 1:500.