

Datasheet for ABIN7161857

**anti-NCOA1 antibody (AA 284-393) (Biotin)**[Go to Product page](#)

## Overview

|                      |                                             |
|----------------------|---------------------------------------------|
| Quantity:            | 100 µg                                      |
| Target:              | NCOA1                                       |
| Binding Specificity: | AA 284-393                                  |
| Reactivity:          | Human                                       |
| Host:                | Rabbit                                      |
| Clonality:           | Polyclonal                                  |
| Conjugate:           | This NCOA1 antibody is conjugated to Biotin |
| Application:         | ELISA                                       |

## Product Details

|                   |                                                                      |
|-------------------|----------------------------------------------------------------------|
| Immunogen:        | Recombinant Human Nuclear receptor coactivator 1 protein (284-393AA) |
| Isotype:          | IgG                                                                  |
| Cross-Reactivity: | Human                                                                |
| Purification:     | >95%, Protein G purified                                             |

## Target Details

|                   |                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | NCOA1                                                                                                                                                                                        |
| Alternative Name: | NCOA1 ( <a href="#">NCOA1 Products</a> )                                                                                                                                                     |
| Background:       | Background: Nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone-dependent fashion. Involved in the coactivation of |

## Target Details

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 isoform 1 and isoform 3.

Aliases: bHLHe74 antibody, Class E basic helix-loop-helix protein 74 antibody, F SRC 1 antibody, Hin 2 protein antibody, Hin2 protein antibody, MGC129719 antibody, MGC129720 antibody, mNRC 1 antibody, NCoA 1 antibody, NCoA-1 antibody, Ncoa1 antibody, NCOA1\_HUMAN antibody, Nuclear receptor coactivator 1 antibody, Nuclear receptor coactivator protein 1 antibody, NY REN 52 antigen antibody, Protein Hin 2 antibody, Protein Hin-2 antibody, Protein Hin2 antibody, Renal carcinoma antigen NY REN 52 antibody, Renal carcinoma antigen NY-REN-52 antibody, RIP 160 antibody, RIP160 antibody, SRC 1 antibody, SRC-1 antibody, Steroid receptor coactivator 1 antibody

UniProt: [Q15788](#)

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

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Handling

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|                  |                                                               |
|------------------|---------------------------------------------------------------|
| Storage:         | -20 °C,-80 °C                                                 |
| Storage Comment: | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |