



[Go to Product page](#)

Datasheet for ABIN233839
anti-NCOA3 antibody

1 Image

Overview

Quantity:	100 µg
Target:	NCOA3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human NCOA3 isoform a protein. Immunogen Type: Peptide
Isotype:	IgG
Specificity:	This product was affinity purified from monospecific antiserum by immunoaffinity chromatography. This antibody reacts with several isoforms of human NCOA3 protein (a, b, d, e and f). A BLAST analysis was used to suggest cross-reactivity with NCOA3 from human and macaque sources based on a 100% homology with the immunizing sequence. Expect partial reactivity with NCOA3 from dog, bovine, mouse and rat sources based on partial sequence homology. Cross-reactivity with NCOA3 from other sources has not been determined.
Characteristics:	This antibody is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI) and is suitable for Cancer, Immunology and Nuclear Signaling research.

Product Details

The NCOA3 (also known as nuclear receptor coactivator 3 isoform a) is a nuclear receptor coactivator that interacts with nuclear hormone receptors to enhance their transcriptional activator functions in a hormone-dependent fashion. The encoded protein has histone acetyltransferase activity and recruits p300/CBP-associated factor and CREB binding protein as part of a multisubunit coactivation complex. NCOA3 probably acts via remodeling of chromatin and is involved in the coactivation of different nuclear receptors, such as for steroids (GR and ER), retinoids (RARs and RXRs), thyroid hormone (TRs),

Purification: affinity purified

Sterility: Sterile filtered

Target Details

Target: NCOA3

Alternative Name: NCOA3 ([NCOA3 Products](#))

Background: This antibody is designed, produced, and is suitable for Cancer, Immunology and Nuclear Signaling research. The NCOA3 (also known as nuclear receptor coactivator 3 isoform a) is a nuclear receptor coactivator that interacts with nuclear hormone receptors to enhance their transcriptional activator functions in a hormone-dependent fashion. The encoded protein has histone acetyltransferase activity and recruits p300/CBP-associated factor and CREB binding protein as part of a multisubunit coactivation complex. NCOA3 probably acts via remodeling of chromatin and is involved in the coactivation of different nuclear receptors, such as for steroids (GR and ER), retinoids (RARs and RXRs), thyroid hormone (TRs),

Synonyms: Nuclear receptor coactivator 3 NCoA-3 Thyroid hormone receptor activator molecule 1 TRAM-1, pCIP, bHLHe42 Receptor-associated coactivator 3, RAC-3 Amplified in breast cancer 1 protein, AIB-1 Steroid receptor coactivator protein 3, SRC-3

Gene ID: 8202, 32307126

UniProt: [Q9Y6Q9](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Regulation of Lipid Metabolism by PPARalpha](#)

Application Details

Application Notes: This affinity purified antibody has been tested for use in ELISA and western blotting.

Comment: Gene Name: NCOA3

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.82 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Sodium azide

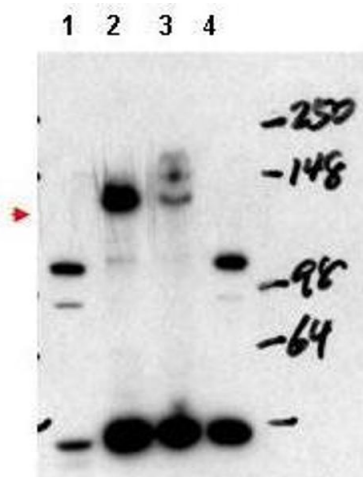
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -20 °C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is three (3) months from date of opening.

Expiry Date: 3 months

Images



Western Blotting

Image 1. Western blot using affinity purified anti-NCOA3 antibody shows detection of NCOA3 in mouse liver nuclear extract (lane 1), transiently transfected 293 cell lysate (lane 2), HeLa whole cell lysate (lane 3) and mouse thyroid cell nuclear extract (lane 4). The band at ~148 kDa, indicated by the arrowhead, corresponds to NCOA3. Mouse NCOA3 (lanes 1 and 4) appear as ~105 kDa bands. Pre-incubation of antibody with the immunizing peptide blocks detection of specific band staining (not shown). Personal communication, H. Ying, NCI, Bethesda, MD.