

DATASHEET

NCOA1 Rabbit Polyclonal Antibody

CAT. NO. APA16254

KEY FEATURES

Target	NCOA1	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
----	----------------

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

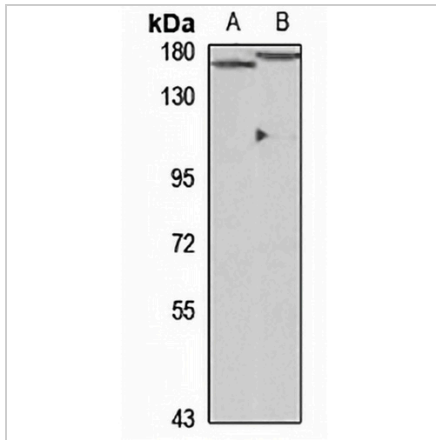
Description	Rabbit polyclonal antibody to NCOA1
Specificity	Recognizes endogenous levels of NCOA1 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NCOA1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 152; Observed: 157 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	BHLHE74; SRC1; Nuclear receptor coactivator 1; NCoA-1; Class E basic helix-loop-helix protein 74; bHLHe74; Protein Hin-2; RIP160; Renal carcinoma antigen NY-REN-52; Steroid receptor coactivator 1; SRC-1
Gene Symbol	NCOA1
Entrez Gene	8648(Human); 17977(Mouse)
SwissProt	Q15788(Human); P70365(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**NCOA1 Rabbit Polyclonal Antibody**

CAT. NO. APA16254

DATA

Western blot analysis of NCOA1 expression in NIH3T3 (A), K562 (B) whole cell lysates. (Predicted band size: 152; 156 kD; Observed band size: 157 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.