

Rabbit NCOA1 Polyclonal Antibody | anti-NCOA1 antibody

NCOA1 antibody

CATALOG # AAA308272	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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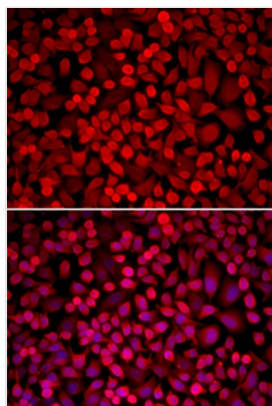
PRODUCT SYNONYMS

NCOA1; Polyclonal Antibody; NCOA1 antibody; F-SRC-1; KAT13A; MGC129719; MGC129720; NCoA-1; RIP160; SRC-1; SRC1; bHLHe42; bHLHe74; anti-NCOA1 antibody

PRODUCT SPECIFICATIONS

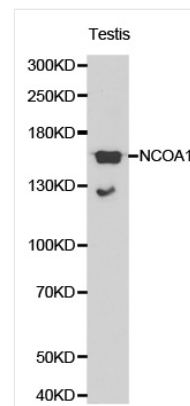
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NCOA1 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1441
Applicable Applications for anti-NCOA1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NCOA1.
Target Name	NCOA1
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using NCOA1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of testis cell lysate using NCOA1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NCOA1 antibody	There are three members of the steroid receptor co-activator (SRC) family of proteins: SRC-1 (NCoA-1), SRC-2 (TIF2/GRIP1/NCoA-2), and SRC-3 (ACTR/pCIP/RAC3/TRAM-1/AIB1). All SRC family members share significant structural homology and function to stimulate transcription mediated by nuclear hormone receptors and other transcriptional activators such as Stat3, NF- κ B, E2F1, and p53 (1-4). Two SRC proteins, SRC-1 and SRC-3, function as histone acetyltransferases (5,6). In addition, all three family members can recruit other histone acetyltransferases (CBP/p300, PCAF) and histone methyltransferases (PRMT1, CARM1) to target promoters and cooperate to enhance expression of many genes (5-8). The SRC proteins play important roles in multiple physiological processes including cell proliferation, cell survival, somatic cell growth, mammary gland development, female reproductive function, and vasoprotection (9). SRC-1 and SRC-3 are conduits for kinase-mediated growth factor signaling to the estrogen receptor and other transcriptional activators. Seven SRC-1 phosphorylation sites and six SRC-3 phosphorylation sites have been identified, which are induced by steroids, cytokines, and growth factors and involve multiple kinase signaling pathways (9-11). Research has shown that all three SRC family members are associated with increased activity of nuclear receptors in breast, prostate, and ovarian carcinomas. According to the literature, SRC-3 is frequently amplified or overexpressed in a number of cancers (12), and SRC-1/PAX3 and SRC-2/MYST3 translocations are found associated with rhabdomyosarcoma and acute myeloid leukemia, respectively (13,14).
Product Categories/Family for anti-NCOA1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	22538455
NCBI GeneID	8648
NCBI Accession #	NP_003734.3
NCBI GenBank Nucleotide #	NM_003743.4
UniProt Accession #	Q15788; O00150; O43792; O43793; Q13071; Q13420; Q2T9G5; Q53SX3; Q6GVI5; Q7KYV3
Molecular Weight	157kd
NCBI Official Full Name	nuclear receptor coactivator 1 isoform 1
NCBI Official Synonym Full Names	nuclear receptor coactivator 1
NCBI Official Symbol	NCOA1
NCBI Official Synonym Symbols	SRC1; KAT13A; RIP160; F-SRC-1; bHLHe42; bHLHe74
NCBI Protein Information	nuclear receptor coactivator 1
UniProt Protein Name	Nuclear receptor coactivator 1
UniProt Gene Name	NCOA1
UniProt Synonym Gene Names	BHLHE74; SRC1; NCoA-1; bHLHe74; SRC-1
UniProt Entry Name	NCOA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ncoa1-antibody-immunofluorescence-western-blot-elisa/308272>