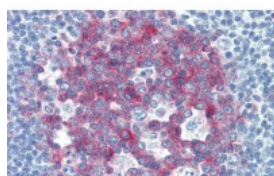


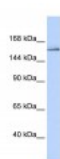


## NCOA3 Antibody

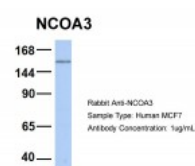
CATALOG NUMBER: 25-071



Antibody used in IHC on Human Tonsil at 5.0 ug/ml.



Antibody used in WB on Human 293T at 0.2-1 ug/ml.



Antibody used in WB on Human MCF7 cells at 1 ug/ml.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	NCOA3 antibody can be used for detection of NCOA3 by ELISA at 1:312500. NCOA3 antibody can be used for detection of NCOA3 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.
<b>POSITIVE CONTROL:</b>	1) 293T Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	155 kDa
<b>IMMUNOGEN:</b>	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human NCOA3.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PURIFICATION:</b>	Antibody is purified by peptide affinity chromatography method.
<b>PHYSICAL STATE:</b>	Lyophilized
<b>BUFFER:</b>	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
<b>CONCENTRATION:</b>	1 mg/ml
<b>STORAGE CONDITIONS:</b>	For short periods of storage (days) store at 4°C. For longer periods of storage, store NCOA3 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	NCOA3, ACTR, AIB-1, AIB1, CAGH16, CTG26, KAT13B, MGC141848, RAC3, SRC-1, SRC3, TNRC14, TNRC16, TRAM-1, pCIP, SRC-3, bHLHe42
<b>ACCESSION NO.:</b>	NP_006525

PROTEIN GI NO.: 32307124

OFFICIAL SYMBOL: NCOA3

GENE ID: 8202

### Background

**BACKGROUND:** NCOA3 is a nuclear receptor coactivator that interacts with nuclear hormone receptors to enhance their transcriptional activator functions. The encoded protein has histone acetyltransferase activity and recruits p300/CBP-associated factor and CREB binding protein as part of a multisubunit coactivation complex. This protein is initially found in the cytoplasm but is translocated into the nucleus upon phosphorylation. Two transcript variants encoding different isoforms have been found for this gene. In addition, a polymorphic repeat region is found in the C-terminus of the encoded protein. The protein encoded by this gene is a nuclear receptor coactivator that interacts with nuclear hormone receptors to enhance their transcriptional activator functions. The encoded protein has histone acetyltransferase activity and recruits p300/CBP-associated factor and CREB binding protein as part of a multisubunit coactivation complex. This protein is initially found in the cytoplasm but is translocated into the nucleus upon phosphorylation. Two transcript variants encoding different isoforms have been found for this gene. In addition, a polymorphic repeat region is found in the C-terminus of the encoded protein.

**REFERENCES:** 1) Luo, J.H., (2008) Int. J. Cancer 122 (11), 2554-2561.

FOR RESEARCH USE ONLY

December 12, 2016