

Datasheet for ABIN2779677
anti-NCOA3 antibody (Middle Region)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	NCOA3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NCOA3
Sequence:	DQNPVESSMC QSNSRDHLSD KESKESSVEG AENQRGPLES KGHKKLLQLL
Predicted Reactivity:	Cow: 77%, Dog: 90%, Horse: 92%, Human: 100%, Mouse: 83%, Pig: 92%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against NCOA3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NCOA3
Alternative Name:	NCOA3 (NCOA3 Products)

Target Details

Background:	<p>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.</p> <p>Alias Symbols: ACTR, AIB-1, AIB1, CAGH16, CTG26, KAT13B, MGC141848, RAC3, SRC-1, SRC3, TNRC14, TNRC16, TRAM-1, pCIP, SRC-3, bHLHe42</p> <p>Protein Interaction Partner: PSMB9, PPARG, CUL3, ARNT2, MMS19, FBXW7, SPOP, UBC, E2F1, PTEN, ESR2, ALB, NR1I2, THRB, CHUK, KANK2, ESR1, NR3C1, MYOCD, MKL1, MKL2, PSME3, UBE3A, TP53, RARA, MAPK1, PIN1, PGR, EP300, ELAVL1, MAPK14, CREBBP, CEBPD, CEBPA, TP53BP1, TFF1, PSMC5, PSMA3, PRKC</p> <p>Protein Size: 1420</p>
Molecular Weight:	155 kDa
Gene ID:	8202
NCBI Accession:	NM_006534 , NP_006525
UniProt:	Q0VF45
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Regulation of Lipid Metabolism by PPARalpha

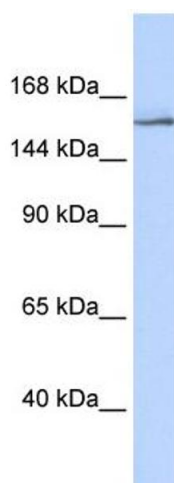
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1420 AA
Restrictions:	For Research Use only

Handling

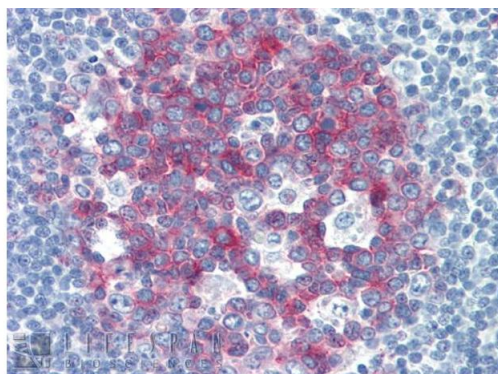
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NCOA3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate

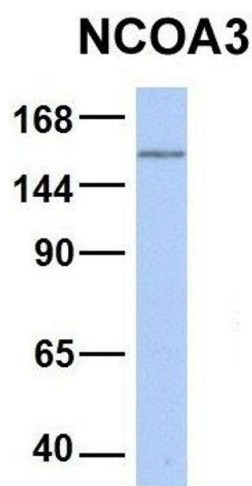


Rabbit Anti-NCOA3 Antibody
Catalog Number: ARP32487
Lot Number: QC2172
Paraffin Embedded Tissue: Human Tonsil
Antibody Concentration: 5.0 µg/ml

Data courtesy of Lifespan Biosciences, Inc.

Immunohistochemistry

Image 2. Immunohistochemistry with Human Tonsil lysate tissue at an antibody concentration of 5.0ug/ml using anti-NCOA3 antibody



Western Blotting

Image 3. Host: Rabbit Target Name: NCOA3 Sample Type: MCF7 Antibody Dilution: 1.0ug/ml NCOA3 is strongly supported by BioGPS gene expression data to be expressed in Human MCF7 cells