

Rabbit anti-Human NCOA4 Polyclonal Antibody | anti-NCOA4 antibody

Anti-NCOA4 Antibody Picoband

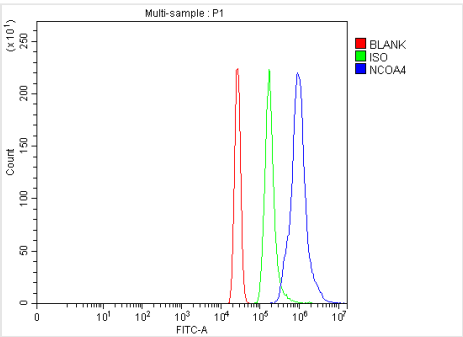
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126377	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

NCOA4; Polyclonal Antibody; Anti-NCOA4 Antibody Picoband; anti-NCOA4 antibody

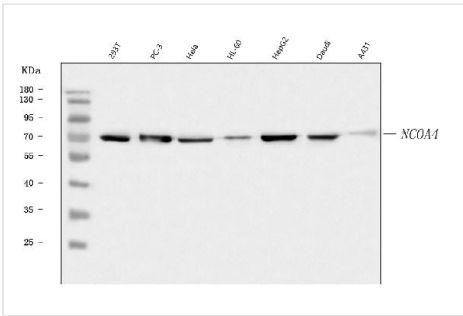
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-NCOA4 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human NCOA4 recombinant protein (Position: R14-M614).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of HL-60 cells using anti-NCOA4 antibody (AAA126377). Overlay histogram showing HL-60 cells stained with AAA126377 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-NCOA4 Antibody (AAA126377, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of NCOA4 using anti-NCOA4 antibody (AAA126377). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human PC-3 whole cell lysates, Lane 3: human Hela whole cell lysates, Lane 4: human HL-60 whole cell lysates, Lane 5: human HepG2 whole cell lysates, Lane 6: human Daudi whole cell lysates, Lane 7: human A431 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NCOA4 antigen affinity purified polyclonal antibody (#AAA126377) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for NCOA4 at approximately 70 kDa. The expected band size for NCOA4 is at 70 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-NCOA4 antibody	Nuclear receptor coactivator 4 is a protein that in humans is encoded by the NCOA4 gene. This gene encodes an androgen receptor coactivator. The encoded protein interacts with the androgen receptor in a ligand-dependent manner to enhance its transcriptional activity. Chromosomal translocations between this gene and the ret tyrosine kinase gene, also located on chromosome 10, have been associated with papillary thyroid carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes are present on chromosomes 4, 5, 10, and 14.
Product Categories/Family for anti-NCOA4 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	223890278
NCBI GeneID	8031
NCBI Accession #	NP_001138732.1
NCBI GenBank Nucleotide #	NM_001145260.1
UniProt Accession #	Q13772; Q14239; A8K8W5; B4E260; E9PAV7; J3KQN8
Molecular Weight	69,726 Da
NCBI Official Full Name	nuclear receptor coactivator 4 isoform 1
NCBI Official Synonym Full Names	nuclear receptor coactivator 4
NCBI Official Symbol	NCOA4
NCBI Official Synonym Symbols	RFG; ELE1; PTC3; ARA70
NCBI Protein Information	nuclear receptor coactivator 4; NCoA-4; ret fused; 70 kDa AR-activator; RET-activating gene ELE1; 70 kDa androgen receptor coactivator; androgen receptor-associated protein of 70 kDa
UniProt Protein Name	Nuclear receptor coactivator 4

UniProt Gene Name	NCOA4
UniProt Synonym Gene Names	ARA70; ELE1; RFG; NCoA-4; 70 kDa AR-activator
UniProt Entry Name	NCOA4_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/ncoa4-antibody-flow-cytometry-western-blot-elisa/126377>