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Datasheet for ABIN7269007
anti-NCOA4 antibody (AA 495-614)

2 Images

Overview

Quantity:	100 µL
Target:	NCOA4
Binding Specificity:	AA 495-614
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NCOA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	NCOA4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 495-614 of human NCOA4 (NP_005428.1).
Sequence:	SEWLIRPPYK EGSPKEVPGT EDragKQKFK SPMNTSWCSF NTADWVLPgK KMGnLSQLSS GEDKwLLRKK AQEVLLNSPL QEEHNFPpDH YGLPAVCDLF ACMQLKVDKE KWLYRTPLQM
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

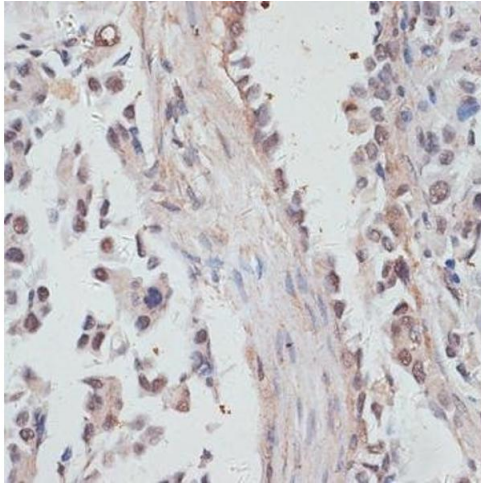
Target:	NCOA4
Alternative Name:	NCOA4 (NCOA4 Products)
Background:	<p>This gene encodes an androgen receptor coactivator. The encoded protein interacts with the androgen receptor in a ligand-dependent manner to enhance its transcriptional activity.</p> <p>Chromosomal translocations between this gene 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.,NCOA4,ARA70,ELE1,PTC3,RFG,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,Nuclear hormone receptors,Signal Transduction,NCOA4</p>
Molecular Weight:	32kDa/69kDa/71kDa/73kDa
Gene ID:	8031
UniProt:	Q13772
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:200
Restrictions:	For Research Use only

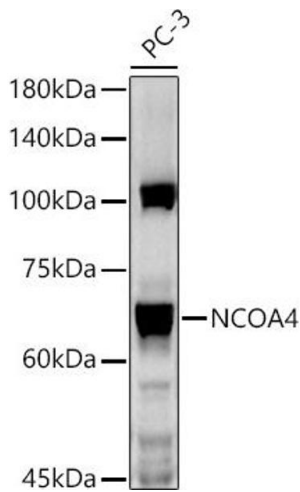
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using NCO antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of PC-3 cells, using NCO antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.