

Product Name: ARA70 Rabbit Polyclonal Antibody
Catalog #: APRab07088



Summary

Production Name	ARA70 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,CoIP,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NCOA4 NCOA4; ARA70; ELE1; RFG; Nuclear receptor coactivator 4; NCoA-4; Androgen receptor coactivator 70 kDa protein; 70 kDa AR-activator; 70 kDa androgen receptor coactivator; Androgen receptor-associated protein of 70 kDa; Ret-activating protein
Alternative Names	
Gene ID	8031.0
SwissProt ID	Q13772.Synthesized peptide derived from ARA70 . at AA range: 320-400

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:40000, IP 1:50-200Not yet tested in other applications, IF-P/IF-F/ICC/IF 1:50-200
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Molecular Weight 70kDa

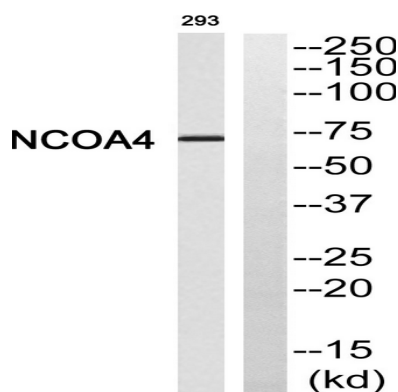
Background

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. [provided by RefSeq, Feb 2009], alternative products: Additional isoforms seem to exist, disease: A chromosomal aberration involving NCOA4 is a cause of thyroid papillary carcinoma (PACT) [MIM:188550]. Inversion inv(10)(q11.2;q11.2) generates the RET/NCOA4 (PTC3) oncogene that has been found in sporadic and radiation-associated post-Chernobyl thyroid papillary carcinomas., function: Enhances the androgen receptor transcriptional activity in prostate cancer cells. Ligand-independent coactivator of the peroxisome proliferator-activated receptor (PPAR) gamma., polymorphism: Polymorphisms are specific to isoform alpha. Not found in isoform beta. Could be encoded by two different genes., subunit: Interacts with the androgen receptor and the retinoid X receptor (RXR) in a ligand-dependent manner., tissue specificity: Widely expressed. Also detected in adipose tissues and in different cell lines. Isoform beta is only expressed in testis.,

Research Area

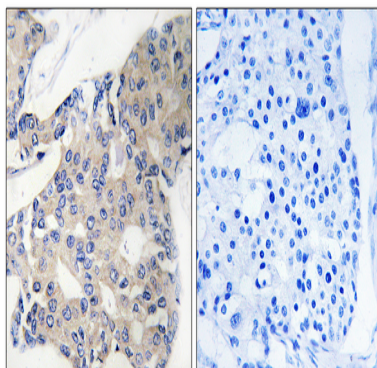
Pathways in cancer; Thyroid cancer;

Image Data



Western blot analysis of NCOA4 Antibody. The lane on the right is blocked with the NCOA4 peptide.

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Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NCOA4 Antibody. The lane on the right is blocked with the NCOA4 peptide.



Western Blot analysis of various cells using ARA70 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

Note

For research use only.