

ARA70 Polyclonal Antibody

Catalog No :	YT0302
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC;IF;CoIP;ELISA
Target :	ARA70
Fields :	>>Ferroptosis;>>Pathways in cancer;>>Thyroid cancer
Gene Name :	NCOA4
Protein Name :	Nuclear receptor coactivator 4
Human Gene Id :	8031
Human Swiss Prot No :	Q13772
Immunogen :	Synthesized peptide derived from ARA70 . at AA range: 320-400
Specificity :	ARA70 Polyclonal Antibody detects endogenous levels of ARA70 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000. IP 1:50-200Not yet tested in other applications.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	70kD

Cell Pathway : Pathways in cancer;Thyroid cancer;

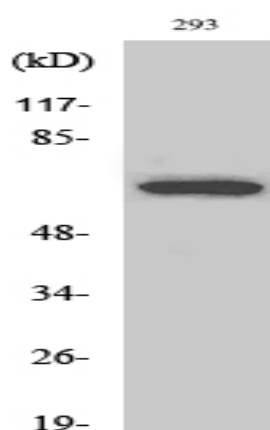
Background : This gene encodes an androgen receptor coactivator. The encoded protein interacts with the androgen receptor in a ligand-dependent manner to enhance its transcriptional activity. Chromosomal translocations between this gene and the ret tyrosine kinase gene, also located on chromosome 10, 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],

Function : 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

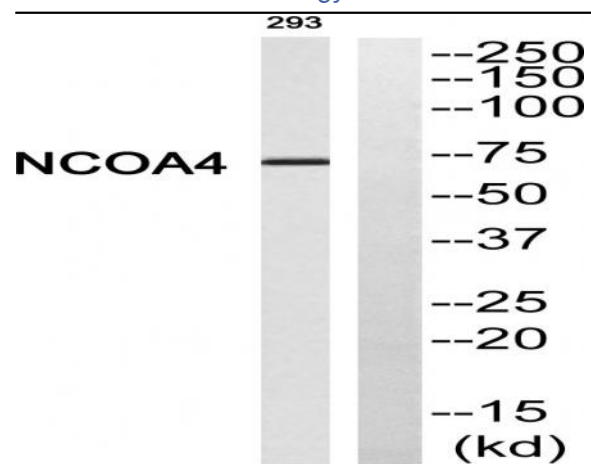
Subcellular Location : nucleus,autolysosome,

Expression : Widely expressed. Also detected in adipose tissues and in different cell lines. Isoform Beta is only expressed in testis.

Products Images



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).



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