



ARA70 Rabbit mAb

Catalog No	YP-rAb-17016
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IF,IP,ELISA
Gene Name	NCOA4
Protein Name	Nuclear receptor coactivator 4
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; IP 1:50-1:200;
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15° C to -25° C/1 year(Do not lower than -25° C)
Synonyms	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
Observed Band	75kD,76kD
Calculated Molecular Weight	70kD
Cell Pathway	nucleus,autolysosome,
Tissue Specificity	Widely expressed. Also detected in adipose tissues and in different cell lines. Isoform Beta is only expressed in testis.
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 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.,

Background

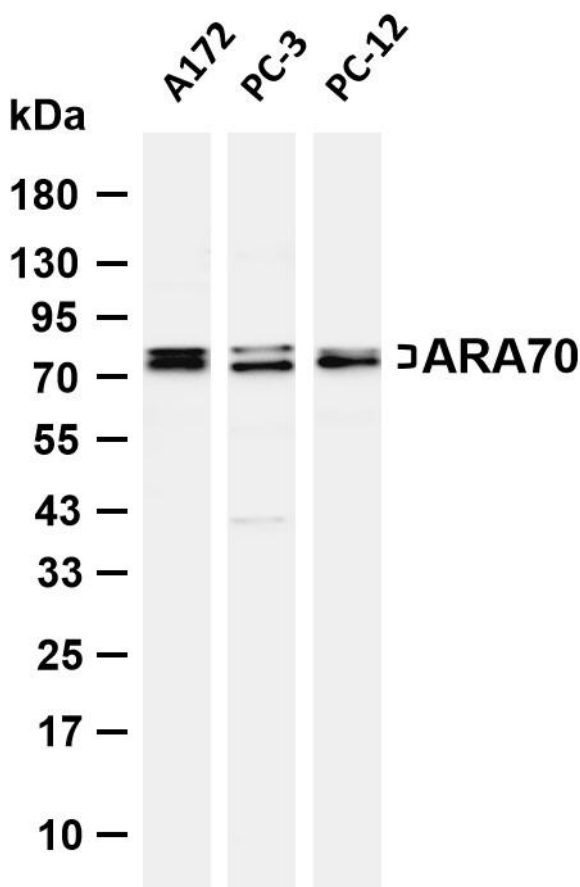
This gene encodes an androgen receptor coactivator. The encoded protein interacts with the androgen receptor in a ligand-dependent manner to enhance its transcriptional activity. Chromosomal translocations between this gene and the ret tyrosine kinase gene, also located on chromosome 10, have been associated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

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ARA70 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: A172 Lane 2: PC-3 Lane 3: PC-12 Predicted band size: 70kDa Observed band size: 75,76kDa

