

NCOA4 Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AM2019b

Specification

NCOA4 Antibody - Product Information

Application	WB,E
Primary Accession	Q13772
Other Accession	NP_001138732.1
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Calculated MW	69726

NCOA4 Antibody - Additional Information

Gene ID 8031

Other Names

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 ELE1, NCOA4, ARA70,
ELE1, RFG

Target/Specificity

Purified His-tagged NCOA4
protein(Fragment) was used to produced
this monoclonal antibody.

Dilution

WB~~1:500~1000

Format

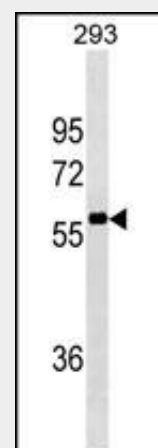
Purified monoclonal antibody supplied in
PBS with 0.09% (W/V) sodium azide. This
antibody is prepared by Euglobin
precipitation followed by dialysis against
PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2
weeks. For long term storage store at -20°C
in small aliquots to prevent freeze-thaw
cycles.

Precautions

NCOA4 Antibody is for research use only



NCOA4 Antibody (Cat. #AM2019b) western
blot analysis in 293 cell line lysates
(35µg/lane).This demonstrates the NCOA4
antibody detected the NCOA4 protein
(arrow).

NCOA4 Antibody - 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.

NCOA4 Antibody - References

Sadow, P.M., et al. Endocr. Pathol.
21(2):73-79(2010)
Landa, I., et al. PLoS Genet. 5 (9), E1000637
(2009) :
Richardson, D.S., et al. Cancer Res.

and not for use in diagnostic or therapeutic procedures.

NCOA4 Antibody - Protein Information

Name NCOA4

Synonyms ARA70, ELE1, RFG

Function

Enhances the androgen receptor transcriptional activity in prostate cancer cells. Ligand-independent coactivator of the peroxisome proliferator-activated receptor (PPAR) gamma.

Tissue Location

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

69(11):4861-4869(2009)
Peng, Y., et al. Am. J. Pathol.
172(1):225-235(2008)
Bongarzone, I., et al. Genomics
42(2):252-259(1997)

NCOA4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)