

**NCOA4 Antibody(Ascites)**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM2019a**

**Specification**

**NCOA4 Antibody(Ascites) - Product Information**

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Application       | WB,E                                                               |
| Primary Accession | <a href="#">Q13772</a>                                             |
| Other Accession   | <a href="#">NP_001138734.1</a> ,<br><a href="#">NP_001138732.1</a> |
| Reactivity        | Human                                                              |
| Host              | Mouse                                                              |
| Clonality         | Monoclonal                                                         |
| Isotype           | IgM                                                                |
| Calculated MW     | 69726                                                              |

**NCOA4 Antibody(Ascites) - 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~~1:500~3200

**Format**

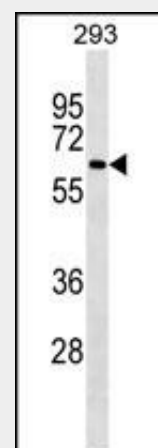
Mouse monoclonal antibody supplied in  
crude ascites with 0.09% (W/V) sodium  
azide.

**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(Ascites) is for research use  
only and not for use in diagnostic or



NCOA4 Antibody (Cat. #AM2019a) western  
blot analysis in 293 cell line lysates  
(35µg/lane).This demonstrates the NCOA4  
antibody detected the NCOA4 protein  
(arrow).

**NCOA4 Antibody(Ascites) - 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(Ascites) - 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.

therapeutic procedures.

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(Ascites) - 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

#### **NCOA4 Antibody(Ascites) - 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](#)