

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

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

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Application       | WB,E                                                            |
| Primary Accession | <a href="#">Q13772</a>                                          |
| Other Accession   | <a href="#">NP_001138734.1</a> , <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 therapeutic procedures.

**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**

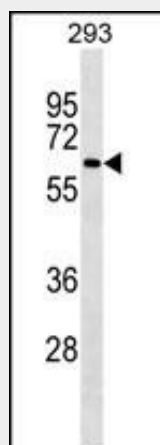
Widely expressed. Also detected in adipose tissues and in different cell lines. Isoform Beta is only expressed in testis

#### **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](#)

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



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. 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)