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NCOA4 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant NCOA4.
Catalog # AT2982a

Product Information

Application	WB, IF, E
Primary Accession	Q13772
Other Accession	NM_005437
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1B7
Calculated MW	69726

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	NCOA4 (NP_005428, 505 a.a. ~ 614 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	NCOA4 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

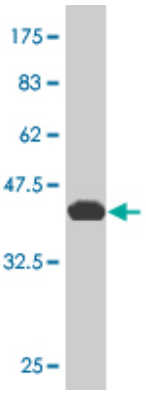
Background

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.

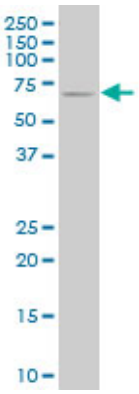
References

1.Molecular constitution of breast but not other reproductive tissues is rich in growth promoting molecules: A possible link to highest incidence of tumor growths.Poola I, Abraham J, Marshalleck JJ, Yue Q, Fu SW, Viswanath L, Sharma N, Hill R, Dewitty RL, Bonney G.FEBS Lett. 2009 Sep 17;583(18):3069-75. Epub 2009 Aug 19.

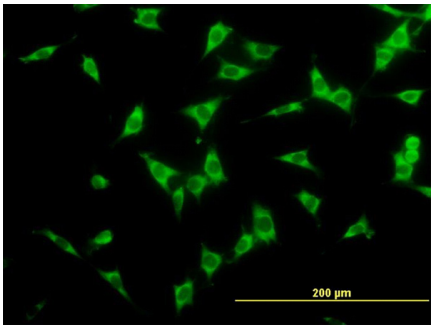
Images



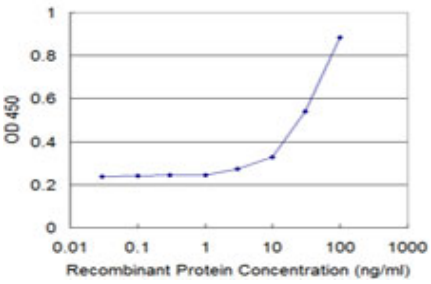
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



NCOA4 monoclonal antibody (M04), clone 1B7 Western Blot analysis of NCOA4 expression in NIH/3T3 ((Cat # AT2982a)



Immunofluorescence of monoclonal antibody to NCOA4 on NIH/3T3 cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged NCOA4 is approximately 3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.