10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NCOA6 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant NCOA6.
Catalog # AT2985a

Product Information

Application	WB, IF
Primary Accession	Q14686
Other Accession	NM_014071
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2D7
Calculated MW	219145

Additional Information

Gene ID	23054
Other Names	Nuclear receptor coactivator 6, Activating signal cointegrator 2, ASC-2, Amplified in breast cancer protein 3, Cancer-amplified transcriptional coactivator ASC-2, Nuclear receptor coactivator RAP250, NRC RAP250, Nuclear receptor-activating protein, 250 kDa, Peroxisome proliferator-activated receptor-interacting protein, PPAR-interacting protein, PRIP, Thyroid hormone receptor-binding protein, NCOA6, AIB3, KIAA0181, RAP250, TRBP
Target/Specificity	NCOA6 (NP_054790, 1954 a.a. ~ 2063 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
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	NCOA6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

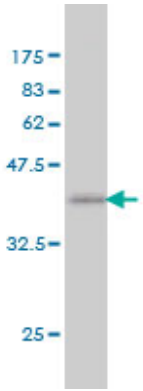
Background

The protein encoded by this gene is a transcriptional coactivator that can interact with nuclear hormone receptors to enhance their transcriptional activator functions. The encoded protein has been shown to be involved in the hormone-dependent coactivation of several receptors, including prostanoid, retinoid, vitamin D3, thyroid hormone, and steroid receptors. The encoded protein may also act as a general coactivator since it has been shown to interact with some basal transcription factors, histone acetyltransferases, and methyltransferases.

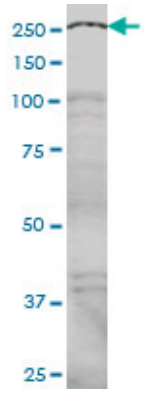
References

Association of a common AGO1 variant with lung cancer risk: A two-stage case-control study. Kim JS, et al. Mol Carcinog, 2010 Oct. PMID 20721975.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.ASCOM controls farnesoid X receptor transactivation through its associated histone H3 lysine 4 methyltransferase activity. Kim DH, et al. Mol Endocrinol, 2009 Oct. PMID 19556342.PRIP promotes tumor formation through enhancing serum-responsive factor-mediated FOS expression. Zhu YT, et al. J Biol Chem, 2009 May 22. PMID 19329434.Multiple genetic variants along candidate pathways influence plasma high-density lipoprotein cholesterol concentrations. Lu Y, et al. J Lipid Res, 2008 Dec. PMID 18660489.

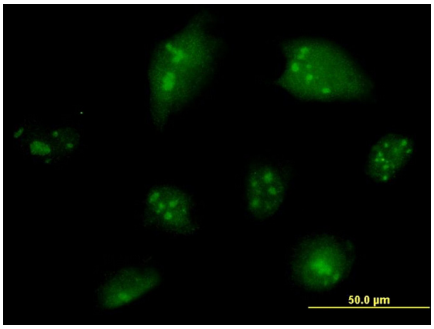
Images



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



NCOA6 monoclonal antibody (M01), clone 2D7 Western Blot analysis of NCOA6 expression in Hela S3 NE ((Cat # AT2985a)



Immunofluorescence of monoclonal antibody to NCOA6 on HeLa cell. [antibody concentration 10 ug/ml]