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NDUFAB1 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a full length recombinant NDUFAB1.
Catalog # AT3000a

Product Information

Application	WB, E
Primary Accession	O14561
Other Accession	BC058920
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2D10
Calculated MW	17417

Additional Information

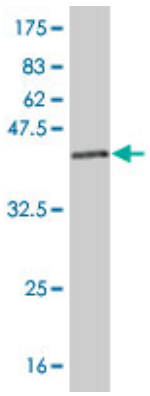
Gene ID	4706
Other Names	Acyl carrier protein, mitochondrial, ACP, CI-SDAP, NADH-ubiquinone oxidoreductase 96 kDa subunit, NDUFAB1
Target/Specificity	NDUFAB1 (AAH58920, 1 a.a. ~ 156 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	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	NDUFAB1 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

References

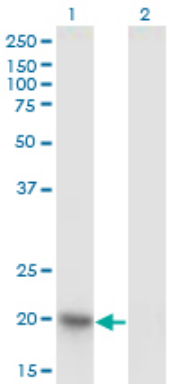
Association study between single-nucleotide polymorphisms in 199 drug-related genes and commonly measured quantitative traits of 752 healthy Japanese subjects. Saito A, et al. J Hum Genet, 2009 Jun. PMID 19343046.Down-regulation of mitochondrial acyl carrier protein in mammalian cells compromises protein lipoylation and respiratory complex I and results in cell death. Feng D, et al. J Biol Chem, 2009 Apr 24. PMID 19221180.Oxidative stress, telomere length and biomarkers of physical aging in a cohort aged 79 years from the 1932 Scottish Mental Survey. Starr JM, et al. Mech Ageing Dev, 2008 Dec. PMID 18977241.Identification of a subunit of NADH-dehydrogenase as a p49/STRAP-binding protein. Zhang X, et al. BMC Cell Biol, 2008 Jan 29. PMID 18230186.A genetic association analysis of cognitive ability and cognitive ageing using 325 markers for 109 genes associated with oxidative stress or cognition. Harris SE, et al. BMC Genet, 2007 Jul 2. PMID

17601350.

Images

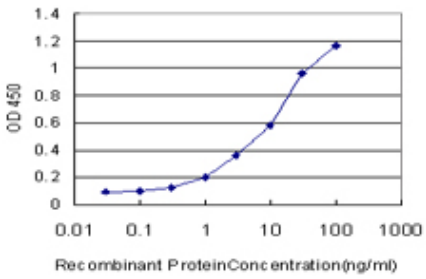


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (42.9 KDa) .



Western Blot analysis of NDUFAB1 expression in transfected 293T cell line by NDUFAB1 monoclonal antibody (M06), clone 2D10.

Lane 1: NDUFAB1 transfected lysate (Predicted MW: 17.4 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged NDUFAB1 is approximately 0.3ng/ml as a capture antibody.

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