

NDUFAB1 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a full length recombinant NDUFAB1.

Catalog # AT3000a

Specification

NDUFAB1 Antibody (monoclonal) (M06) - Product Information

Application	WB, E
Primary Accession	O14561
Other Accession	BC058920
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	17417

NDUFAB1 Antibody (monoclonal) (M06) - 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

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.

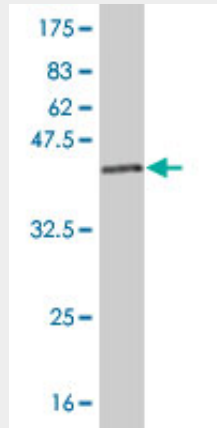
NDUFAB1 Antibody (monoclonal) (M06) - Protocols

Provided below are standard protocols that you may find useful for product applications.

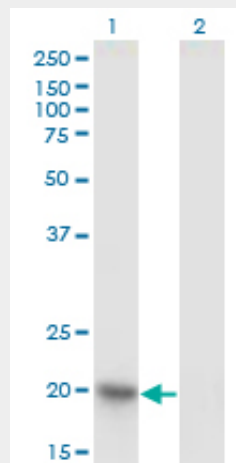
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDUFAB1 Antibody (monoclonal) (M06) - Images



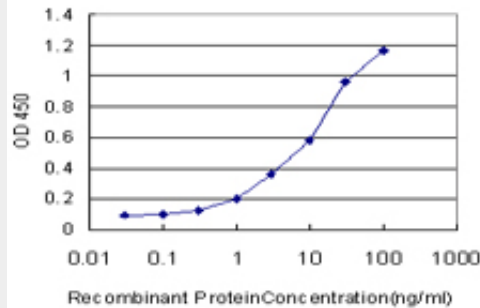
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (42.9 kDa) .



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.

NDUFAB1 Antibody (monoclonal) (M06) - 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.