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NDUFB3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant NDUFB3.
Catalog # AT3003a

Product Information

Application	WB, E
Primary Accession	O43676
Other Accession	NM_002491
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6C6
Calculated MW	11402

Additional Information

Gene ID	4709
Other Names	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3, Complex I-B12, CI-B12, NADH-ubiquinone oxidoreductase B12 subunit, NDUFB3
Target/Specificity	NDUFB3 (NP_002482, 13 a.a. ~ 65 a.a) partial 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	NDUFB3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

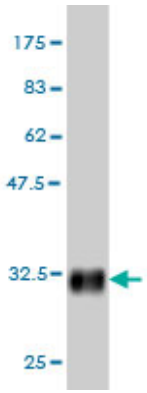
The multisubunit NADH:ubiquinone oxidoreductase (complex I) is the first enzyme complex in the electron transport chain of mitochondria. See NDUFA2 (MIM 602137).

References

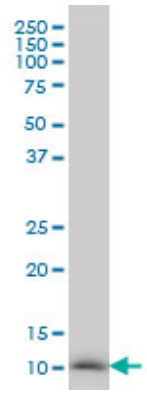
Association between genetic variants in VEGF, ERCC3 and occupational benzene haematotoxicity. Hosgood HD 3rd, et al. Occup Environ Med, 2009 Dec. PMID 19773279.Transcriptome analysis of human gastric cancer. Oh JH, et al. Mamm Genome, 2005 Dec. PMID 16341674.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.The

status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.The subunit composition of the human NADH dehydrogenase obtained by rapid one-step immunopurification. Murray J, et al. J Biol Chem, 2003 Apr 18. PMID 12611891.

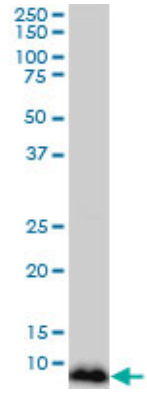
Images



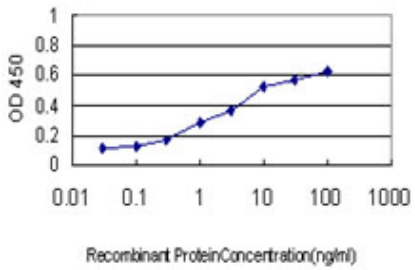
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (31.57 KDa) .



NDUFB3 monoclonal antibody (M01), clone 6C6 Western Blot analysis of NDUFB3 expression in HeLa ((Cat # AT3003a)



NDUFB3 monoclonal antibody (M01), clone 6C6. Western Blot analysis of NDUFB3 expression in A-431 ((Cat # AT3003a)



Detection limit for recombinant GST tagged NDUFB3 is approximately 0.1ng/ml as a capture antibody.

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