

NDUFA4 rabbit monoclonal antibody

Catalog # H00004697-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NDUFA4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NDUFA4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human NDUFA4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — NDUFA4

Entrez GeneID	4697
GeneBank Accession#	NDUFA4
Gene Name	NDUFA4
Gene Alias	CH-MLRQ, FLJ27440, MGC104422, MGC126843, MGC126845, MLRQ
Gene Description	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa
Omim ID	603833
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. [provided by RefSeq]
Other Designations	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4 (9kD, MLRQ) NADH-ubiquinone oxidoreductase MLRQ subunit

Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)