

## NDUFB6 rabbit monoclonal antibody

Catalog # H00004712-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human NDUFB6 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human NDUFB6 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human NDUFB6 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — NDUFB6

Entrez GeneID	<a href="#">4712</a>
GeneBank Accession#	<a href="#">NDUFB6</a>
Gene Name	NDUFB6
Gene Alias	B17, CI, MGC13675
Gene Description	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa
Omim ID	<a href="#">603322</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. 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. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]
Other Designations	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6 (17kD, B17) NADH-ubiquinone oxidoreductase B17 subunit NADH-ubiquinone oxidoreductase beta subunit, 6 OTTHUMP00000021179 OTTHUMP00000021180 complex I, mitochondrial respiratory chain, B17 subunit

## Pathway

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

## Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)