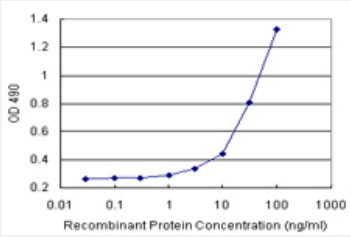
NDUFB6 (Human) Matched Antibody Pair

Catalog # H00004712-AP21 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human NDUFB6.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (70%); Rat (69%)
Quality Control Testing	Standard curve using recombinant protein (H00004712-P01) as an analyte. Sandwich ELISA detection sensitivity ranging from 1 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-NDUFB6 (100 ug) 2. Detection antibody: mouse purified polyclonal anti-NDUFB6 (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

  Protocol Download

Gene Info — NDUFB6

Entrez GeneID	4712
Gene Name	NDUFB6
Gene Alias	B17, CI, MGC13675
Gene Description	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa
Omim ID	603322
Gene Ontology	Hyperlink
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