

# Immunotag™ NDUB3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0926
Product Description	Immunotag™ NDUB3 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NDUB3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 40-120
Specificity	NDUB3 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	NDUFB3
Accession No.	O43676 Q9CQZ6

## Antibody Specification

Description	NADH:ubiquinone oxidoreductase subunit B3(NDUFB3) Homo sapiens This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which is the first enzyme in the electron transport chain of mitochondria. This protein localizes to the inner membrane of the mitochondrion as a single-pass membrane protein. Mutations in this gene contribute to mitochondrial complex 1 deficiency. Alternative splicing results in multiple transcript variants encoding the same protein. Humans have multiple pseudogenes of this gene. [provided by RefSeq, Mar 2012],
Cell Pathway/ Category	Oxidative phosphorylation,Alzheimer's disease,Parkinson's disease,Huntington's disease,
Protein Expression	Heart,Lung,
Subcellular Localization	mitochondrial inner membrane,mitochondrial respiratory chain complex I,integral component of membrane,extracellular exosome,
Protein Function	function:Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.,similarity:Belongs to the complex I NDUFB3 subunit family.,subunit:Complex I is composed of 45 different subunits.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.