

# Immunotag™ NDUAA Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0917
Product Description	Immunotag™ NDUAA 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	NDUAA
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
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 50-130
Specificity	NDUAA 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	NDUFA10
Accession No.	O95299 Q99LC3 Q561S0
Description	NADH:ubiquinone oxidoreductase subunit A10(NDUFA10) Homo sapiens The protein encoded by this gene is a component of 42 kDa complex I, the first enzyme complex in the electron transport chain of mitochondria. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. A mutation in this gene was found in an individual with Leigh syndrome. [provided by RefSeq, Apr 2016],

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Cell Pathway/ Category	Oxidative phosphorylation,Alzheimer's disease,Parkinson's disease,Huntington's disease,
Protein Expression	Brain,Placenta,Skin,
Subcellular Localization	mitochondrial inner membrane,mitochondrial respiratory chain complex I,mitochondrial matrix,myelin sheath,respiratory chain,
Protein Function	cofactor: Binds 1 FAD per subunit.,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 NDUFA10 subunit family.,subunit: Complex I is composed of 45 different subunits. This a component of the hydrophobic protein fraction.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.