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Immunotag™ NDUFS2 Antibody

Antibody Specification

Catalog No.	ITA9410
Product Description	Immunotag™ NDUFS2 Antibody
Size	100 µg, 200 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	NDUFS2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NDUFS2
Specificity	NDUFS2 Antibody detects endogenous levels of total NDUFS2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NDUFS2
Accession No.	O75306

Antibody Specification

Alternate Names	CI 49; CI 49kD; CI-49kD; Complex 1, mitochondrial respiratory chain, 49 KD subunit; Complex I 49kD; Complex I 49kDa subunit; Complex I-49kD; mitochondrial; NADH dehydrogenase (ubiquinone) Fe S protein 2 49kDa; NADH dehydrogenase (ubiquinone) Fe S protein 2, 49kDa (NADH coenzyme Q reductase); NADH dehydrogenase [ubiquinone] iron sulfur protein 2, mitochondrial; NADH dehydrogenase [ubiquinone] iron-sulfur protein 2; NADH ubiquinone oxidoreductase 49 kDa subunit; NADH ubiquinone oxidoreductase NDUFS2 subunit; NADH-ubiquinone oxidoreductase 49 kDa subunit; NADH:ubiquinone oxidoreductase core subunit S2; Ndufs2; NDUS2_HUMAN;
Description	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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 (PubMed:12611891).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	53kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.