Immunotag™ NDUFS1 Antibody

Antibody Specification

Catalog No.	ITA7118
Product Description	Immunotag™ NDUFS1 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	NDUFS1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NDUFS1
Specificity	NDUFS1 Antibody detects endogenous levels of total NDUFS1
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	NDUFS1
Accession No.	P28331
Alternate Names	CI-75kD; Complex I 75Kd; Complex I, mitochondrial respiratory chain, 75 kD subunit; Complex I-75kD; mitochondrial; NADH coenzyme Q reductase; NADH dehydrogenase (ubiquinone) FeS protein 1 (75kD) (NADH coenzyme Q reductase); NADH ubiquinone oxidoreductase 75 kDa subunit mitochondrial; NADH-ubiquinone oxidoreductase 75 kDa subunit; NDUFS1; NDUS1_HUMAN; PRO1304;

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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 (By similarity). This is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	79kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.