

Immunotag™ NDUFV3 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3023
Product Description	Immunotag™ NDUFV3 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	NDUFV3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human NDUFV3. AA range:26-75
Specificity	NDUFV3 Polyclonal Antibody detects endogenous levels of NDUFV3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	NDUFV3
Accession No.	P56181 Q8BK30
Alternate Names	NDUFV3; NADH dehydrogenase [ubiquinone] flavoprotein 3; mitochondrial; Complex I-9kD; CI-9kD; NADH-ubiquinone oxidoreductase 9 kDa subunit; Renal carcinoma antigen NY-REN-4

Antibody Specification

Description	NADH:ubiquinone oxidoreductase subunit V3(NDUFV3) Homo sapiens The protein encoded by this gene is one of at least forty-one subunits that make up the NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The encoded protein is one of three proteins found in the flavoprotein fraction of the complex. The specific function of the encoded protein is unknown. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Oxidative phosphorylation,Alzheimer's disease,Parkinson's disease,Huntington's disease,
Protein Expression	Brain,Renal cell carcinoma,
Subcellular Localization	nucleoplasm,mitochondrion,mitochondrial inner membrane,mitochondrial respiratory chain complex I,
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 NDUFV3 subunit family.,subunit:Complex I is composed of 45 different subunits. This is a component of the flavoprotein-sulfur (FP) fragment of the enzyme.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.