



NDUFV3 Polyclonal Antibody

Catalog No	BYab-19122
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	IHC;IF;ELISA
Gene Name	NDUFV3
Protein Name	NADH dehydrogenase [ubiquinone] flavoprotein 3 mitochondrial
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.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	NDUFV3; NADH dehydrogenase [ubiquinone] flavoprotein 3; mitochondrial; Complex I-9kD; CI-9kD; NADH-ubiquinone oxidoreductase 9 kDa subunit; Renal carcinoma antigen NY-REN-4
Observed Band	
Cell Pathway	Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .
Tissue Specificity	Brain,Renal cell carcinoma,
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.,

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Background

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],

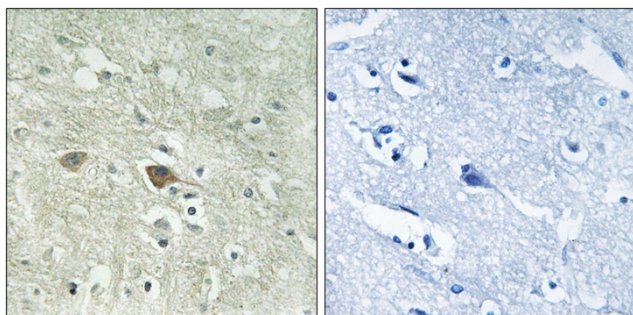
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human brain, using NDUFV3 Antibody. The picture on the right is blocked with the synthesized peptide.