

NDUFV3 rabbit pAb

Cat No.:ES6353

For research use only

Overview

Product Name	NDUFV3 rabbit pAb	
Host species	Rabbit	
Applications	IHC;IF;ELISA	
Species Cross-Reactivity	Human;Rat;Mouse;	
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA:	
	1/20000. Not yet tested in other applications.	
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.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	NADH dehydrogenase [ubiquinone] flavoprotein 3	
	mitochondrial	
Gene Name	NDUFV3	
Cellular localization	Mitochondrion inner membrane ; Peripheral	
	membrane protein ; Matrix side .	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration	1 mg/ml	
Observed band		
Human Gene ID	4731	
Human Swiss-Prot Number	P56181	
Alternative 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	
Background	The protein encoded by this gene is one of at least	
	forty-one subunits that make up the	



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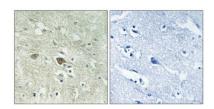
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NADH-ubiquinone oxidoreductase complex. This complex is part of the mitochondrial respiratory chain and serves to catalyze the rotenone-sensitive oxidation of NADH and the reduction of ubiquinone. The encoded protein is one of three proteins found 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],

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





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