



Anti-NDUFV3 (aa 1-100) polyclonal antibody (DPAB-DC2012)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	NDUFV3 (NP_077718, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is MAAPCLLRQGRAGALKTMLQEAQVFRGLASTVSLSAESGKSEKGQPQNSKKQSPPKNVVE PKERGKLLATQTAAELSKNLSSPSYPYPAVNKGRKVASPS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NDUFV3 NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa [Homo sapiens (human)]
Official Symbol	NDUFV3
Synonyms	NDUFV3; NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa; CI-10k; CI-9KD; NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial; complex I-9kD; complex I 10kDa subunit; renal carcinoma antigen NY-REN-4; NADH-ubiquinone oxidoreductase 9 kD subunit; NADH-ubiquinone oxidoreductase 9 kDa subunit; mitochondrial NADH oxidoreductase-like protein; NADH-ubiquinone oxidoreductase flavoprotein 3, 10kD; complex I, mitochondrial respiratory chain, 10-kD subunit;
Entrez Gene ID	4731
Protein Refseq	NP_001001503
UniProt ID	P56181
Chromosome Location	21q22.3
Pathway	Alzheimers disease; Electron Transport Chain; Huntingtons disease; Metabolism.
Function	NADH dehydrogenase (ubiquinone) activity; poly(A) RNA binding;