



Anti-NDUFA9 (aa 303-377) polyclonal antibody (DPAB-DC2002)

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

PRODUCT INFORMATION

Antigen Description	The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12.
Immunogen	NDUFA9 (NP_004993, 303 a.a. ~ 377 a.a) partial recombinant protein with GST tag. The sequence is RVFEISPFEPWITRDKVERMHITDMKLPGLPGLEDLGIQATPLELKAIEVLRHRTYRWL SAEIEDVKPAKTVNI
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	NDUFA9 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa [Homo sapiens (human)]
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Official Symbol	NDUFA9
Synonyms	NDUFA9; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa; CC6; CI39k; CI-39k; NDUFS2L; SDR22E1; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial; CI-39kD; complex I 39kDa subunit; NADH-ubiquinone oxidoreductase 39 kDa subunit; short chain dehydrogenase/reductase family 22E, member 1; NADH dehydrogenase (ubiquinone) Fe-S protein 2-like (NADH-coenzyme Q reductase);
Entrez Gene ID	4704
Protein Refseq	NP_004993
UniProt ID	Q16795
Chromosome Location	12p13.3
Pathway	Alzheimers disease; Electron Transport Chain; Huntingtons disease; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
Function	NADH dehydrogenase (ubiquinone) activity; NADH dehydrogenase activity; coenzyme binding; protein binding