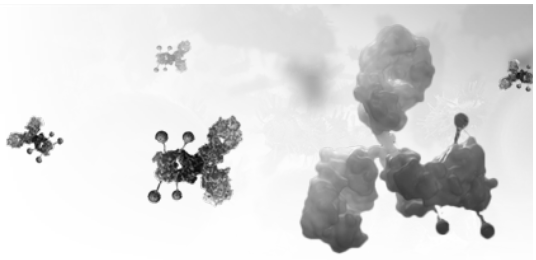

Anti-NDUFS6 (internal region) polyclonal antibody (DPAB-DC2011)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a subunit of the NADH:ubiquinone oxidoreductase (complex I), which is the first enzyme complex in the electron transport chain of mitochondria. This complex functions in the transfer of electrons from NADH to the respiratory chain. The subunit encoded by this gene is one of seven subunits in the iron-sulfur protein fraction. Mutations in this gene cause mitochondrial complex I deficiency, a disease that causes a wide variety of clinical disorders, including neonatal disease and adult-onset neurodegenerative disorders.[provided by RefSeq, Oct 2009]
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human NDUFS6. The sequence is C-RIRFVGRQKEVNEN
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

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Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NDUFS6 NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase) [Homo sapiens (human)]
Official Symbol	NDUFS6
Synonyms	NDUFS6; NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase); CI-13kA; CI13KDA; CI-13kD-A; NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial; complex I 13kDa subunit A; NADH:ubiquinone oxidoreductase NDUFS6 subunit; NADH-ubiquinone oxidoreductase 13 kDa-A subunit; complex I, mitochondrial respiratory chain, 13-kD subunit;
Entrez Gene ID	4726
Protein Refseq	NP_004544
UniProt ID	O75380
Chromosome Location	5p15.33
Pathway	Alzheimers disease; Electron Transport Chain; Huntingtons disease; NADH dehydrogenase (ubiquinone) Fe-S protein/flavoprotein complex, mitochondria
Function	NADH dehydrogenase (ubiquinone) activity; electron carrier activity;

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