



# Anti-NDUFS4 monoclonal antibody, clone FQS8942 (DCABH-3413)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to Ndufs4
<b>Antigen Description</b>	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be 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.
<b>Immunogen</b>	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Clone</b>	FQS8942
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, IP, Flow Cyt
<b>Positive Control</b>	Human fetal heart, Human fetal kidney, Human fetal brain, 293T, Mouse heart, Mouse kidney and Rat kidney lysates; Human kidney and stomach tissues.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA
<b>Storage</b>	Store at -20°C.

## GENE INFORMATION

Gene Name	<a href="#">NDUFS4 NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase) [ Homo sapiens ]</a>
Official Symbol	NDUFS4
Synonyms	NDUFS4; NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase); NADH dehydrogenase (ubiquinone) Fe S protein 4 (18kD) (NADH coenzyme Q reductase); NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial; AQDQ; CI 18
Entrez Gene ID	<a href="#">4724</a>
Protein Refseq	<a href="#">NP_002486</a>
UniProt ID	<a href="#">O43181</a>
Chromosome Location	5q11.1
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Electron Transport Chain, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	NADH dehydrogenase (ubiquinone) activity; contributes_to NADH dehydrogenase (ubiquinone) activity; oxidoreductase activity, acting on NADH or NADPH;