



Anti-MT-ND4 (aa 406-459) polyclonal antibody (DPAB-DC1965)

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

PRODUCT INFORMATION

Antigen Description	MT-ND4 (mitochondrially encoded NADH dehydrogenase 4) is a protein-coding gene. Diseases associated with MT-ND4 include leber hereditary optic neuropathy, and leber hereditary optic neuropathy with dystonia, and among its related super-pathways are Electron Transport Chain and Metabolic pathways. GO annotations related to this gene include NADH dehydrogenase (ubiquinone) activity.
Immunogen	ND4 (YP_003024035.1, 406 a.a. ~ 459 a.a) partial recombinant protein with GST tag. The sequence is YSLYIFTTTQWGSLLTHHINNIKPSFTRENTLMFIHLSPILLLSLNPDIITGFSS
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 [MT-ND4 mitochondrially encoded NADH dehydrogenase 4 \[Homo sapiens \(human\) \]](#)

Official Symbol	MT-ND4
Synonyms	MT-ND4; mitochondrially encoded NADH dehydrogenase 4; MTND4; ND4; NADH dehydrogenase subunit 4;
Entrez Gene ID	4538
UniProt ID	H9EC08
Pathway	Electron Transport Chain; NADH:ubiquinone oxidoreductase, mitochondria; Oxidative phosphorylation; Parkinsons disease.