



Anti-NDUFS3 (aa 155-264) polyclonal antibody (DPAB-DC2008)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.[provided by RefSeq, Apr 2009]
Immunogen	NDUFS3 (NP_004542, 155 a.a. ~ 264 a.a) partial recombinant protein with GST tag. The sequence is SAVSVFKAANWYEREIWDMMFGVFFANHPDLRRILTDYGFEGHPFRKDFPLSGYVELRYDD EVKRVVAEPVELAQEFRKFDLNSPWEAFPVYRQPPESLKLEAGDKKPKDAK
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	NDUFS3 NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase) [Homo sapiens (human)]
------------------	---

Official Symbol	NDUFS3
Synonyms	NDUFS3; NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase); CI-30; NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial; CI-30kD; complex I-30kD; complex I 30kDa subunit; NADH dehydrogenase-ubiquinone 30 kDa subunit; NADH-ubiquinone oxidoreductase 30 kDa subunit;
Entrez Gene ID	4722
Protein Refseq	NP_004542
UniProt ID	O75489
Chromosome Location	11p11.11
Pathway	3-phosphoinositide degradation; Alzheimers disease; Huntingtons disease; Metabolism
Function	NADH dehydrogenase (ubiquinone) activity; NADH dehydrogenase activity; electron carrier activity; protein binding