



Anti-NDUFA7 monoclonal antibody, clone 3D5 (DCABH-859)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to NDUFA7
Antigen Description	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.
Immunogen	Recombinant full length Human NDUFA7 produced in HEK293T cells (NP_004992).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3D5
Purification	This antibody is purified from mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY NDUFA7 cDNA
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol

Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	NDUFA7 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa [Homo sapiens]
Official Symbol	NDUFA7
Synonyms	NDUFA7; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (14.5kD, B14.5a); NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7; B14.5a; complex I B14.5a subunit; CI-B14.5a; NADH
Entrez Gene ID	4701
Protein Refseq	NP_004992
UniProt ID	O95182
Chromosome Location	19p13.2
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;