

DNAxPAb

Hard-to-Find
Antibody

NDUFS7 DNAxPab

Catalog # H00374291-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NDUFS7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAVLSAPGLRGFRILGLRSSVGLAVQARGVHQSVATDGPSSSTQPALPKARAVAPKPSSRGEYVV AKLDDLWNWARRSSLWPMTFGLACCAVEMMHMAAPRYDMDRFGVVFRASPRQSDVMVAGTL TNKMAPALRKVYDQMPEPRYVSMGSCANGGGYYHYSYSVVRGCDRMPVDIYPGCPPTAEALL YGILQLQRKIKRERRLQWYRR
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — NDUFS7

Entrez GeneID	374291
GeneBank Accession#	NM_024407.3
Protein Accession#	NP_077718.2
Gene Name	NDUFS7
Gene Alias	CI-20KD, FLJ45860, FLJ46880, MGC120002, MY017, PSST
Gene Description	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase)
Omim ID	256000 601825
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is a subunit of one of the complexes that forms the mitochondrial respiratory chain. This protein is one of over 40 subunits found in complex I, the nicotinamide adenine dinucleotide (NADH):ubiquinone oxidoreductase. This complex functions in the transfer of electrons from NADH to the respiratory chain, and ubiquinone is believed to be the immediate electron acceptor for the enzyme. Mutations in this gene cause Leigh syndrome due to mitochondrial complex I deficiency, a severe neurological disorder that results in bilaterally symmetrical necrotic lesions in subcortical brain regions. [provided by RefSeq]
Other Designations	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial NADH-coenzyme Q reductase NADH-ubiquinone oxidoreductase Fe-S protein 7 NADH:ubiquinone oxidoreductase PSST subunit complex I, mitochondrial respiratory chain, 20-KD subunit complex I-20

Pathway

- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)
- [Cognition](#)