

ND4L Polyclonal antibody

Catalog Number: 18737-1-AP

Basic Information

Catalog Number:

18737-1-AP

Size:

N/A

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

P03901

GeneID (NCBI):

4539

Full Name:

NADH dehydrogenase, subunit 4L
(complex I)

Calculated MW:

11 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse

Background Information

ND4L, also named as MTND4L and NADH4L, belongs to the complex I subunit 4L family. It is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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. Mutation of ND4L will cause Leber hereditary optic neuropathy (LHON) which is a maternally inherited disease resulting in acute or subacute loss of central vision, due to optic nerve dysfunction.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

