

NDUFA9 rabbit pAb

Cat No.: ES6343

For research use only

Overview

Product Name NDUFA9 rabbit pAb

Host species Rabbit
Applications WB;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not

yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human NDUFA9. AA

range:87-136

Specificity NDUFA9 Polyclonal Antibody detects endogenous

levels of NDUFA9 protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name NADH dehydrogenase [ubiquinone] 1 alpha

subcomplex subunit 9 mitochondrial

Gene Name NDUFA9

Cellular localization Mitochondrion matrix.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 40kD
Human Gene ID 4704
Human Swiss-Prot Number Q16795

Alternative Names NDUFA9; NDUFS2L; NADH dehydrogenase

[ubiquinone] 1 alpha subcomplex subunit 9; mitochondrial; Complex I-39kD; CI-39kD;

NADH-ubiquinone oxidoreductase 39 kDa subunit The encoded protein is a subunit of the hydrophobic

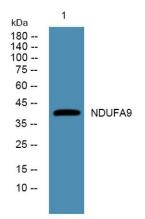
protein fraction of the NADH:ubiquinone

oxidoreductase (complex I), the first enzyme



Background





complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12. [provided by RefSeq, May 2010],

Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night



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