

NDUFS6 rabbit pAb

Cat No.: ES6352

For research use only

Overview

Product Name NDUFS6 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human NDUFS6. AA

range:75-124

Specificity NDUFS6 Polyclonal Antibody detects endogenous

levels of NDUFS6 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] iron-sulfur

protein 6 mitochondrial

Gene Name NDUFS6

Cellular localization Mitochondrion inner membrane; Peripheral

membrane protein; Matrix side.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 4726 **Human Swiss-Prot Number** 075380

Alternative Names NDUFS6; NADH dehydrogenase [ubiquinone]

iron-sulfur protein 6; mitochondrial; Complex

I-13kD-A; CI-13kD-A; NADH-ubiquinone

oxidoreductase 13 kDa-A subunit This gene encodes a subunit of the

Background This gene encodes a subunit of the NADH:ubiquinone oxidoreductase (complex I),

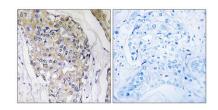
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which is the first enzyme complex in the electron transport chain of mitochondria. This complex functions in the transfer of electrons from NADH to the respiratory chain. The subunit encoded by this gene is one of seven subunits in the iron-sulfur protein fraction. Mutations in this gene cause mitochondrial complex I deficiency, a disease that causes a wide variety of clinical disorders, including neonatal disease and adult-onset neurodegenerative disorders.[provided by RefSeq, Oct 2009],

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using NDUFS6 Antibody. The picture on the right is blocked with the synthesized peptide.



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