

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000

Protein Background:

This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), or NADH: ubiquinone oxidoreductase, the first multi-subunit enzyme complex of the mitochondrial respiratory chain. Complex I plays a vital role in cellular ATP production, the primary source of energy for many crucial processes in living cells. It removes electrons from NADH and passes them by a series of different protein-coupled redox centers to the electron acceptor ubiquinone. In well-coupled mitochondria, the electron flux leads to ATP generation via the building of a proton gradient across the inner membrane.

Gene ID:

NDUFS4

Uniprot

O43181

Synonyms:

NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa

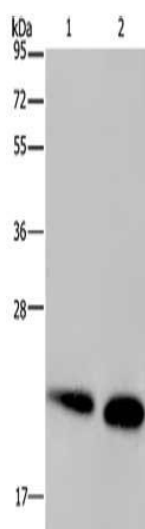
Immunogen:

Fusion protein of human NDUFS4.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane 1-2: Mouse heart tissue, Mouse kidney tissue, Primary antibody: PACO16762(NDUFS4 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds.