# NDUFS4 Antibody

**PACO16763**

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:50-1:200

**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:**

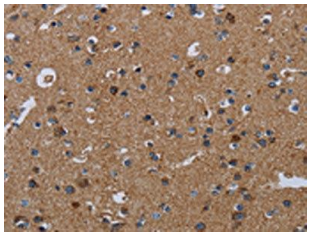
Fusion protein of human NDUFS4.

**Storage:**

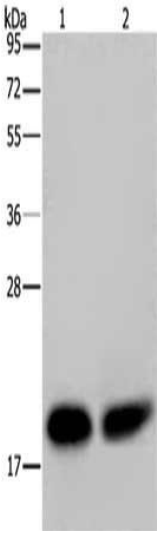
-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

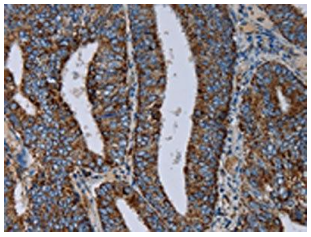
## Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO16763(NDUFS4 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x—200).




Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane 1-2: Mouse kidney tissue, Mouse heart tissue, Primary antibody: PACO16763(NDUFS4 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO16763(NDUFS4 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x—200).