

NDUFA1 Antibody



PACO16742

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

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

Protein Background:

The human NDUFA1 gene codes for an essential component of complex I of the respiratory chain, which transfers electrons from NADH to ubiquinone. It has been noted that the N-terminal hydrophobic domain has the potential to be folded into an alpha-helix spanning the inner mitochondrial membrane with a C-terminal hydrophilic domain interacting with globular subunits of complex I. The highly conserved two-domain structure suggests that this feature is critical for the protein function and might act as an anchor for the NADH: ubiquinone oxidoreductase complex at the inner mitochondrial membrane.

Gene ID:

NDUFA1

Uniprot

O15239

Synonyms:

NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa

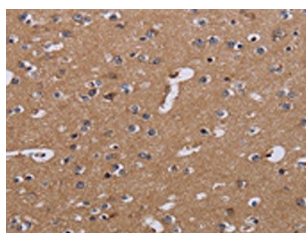
Immunogen:

Fusion protein of human NDUFA1.

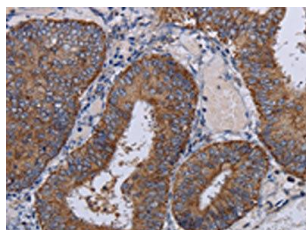
Storage:

-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 PACO16742(NDUFA1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO16742(NDUFA1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).