NDUFS1 Antibody

PACO44880

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:20-1:200

Protein Background:

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. This is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized.

Gene ID:

NDUFS1

Uniprot

P28331

Synonyms:

NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-75kD) (CI-75kD), NDUFS1

Immunogen:

Recombinant Human NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial protein (80-290AA).

Storage:

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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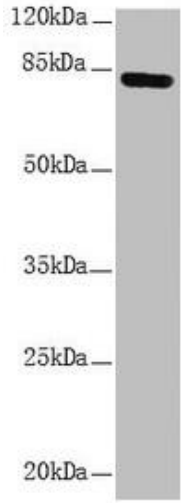
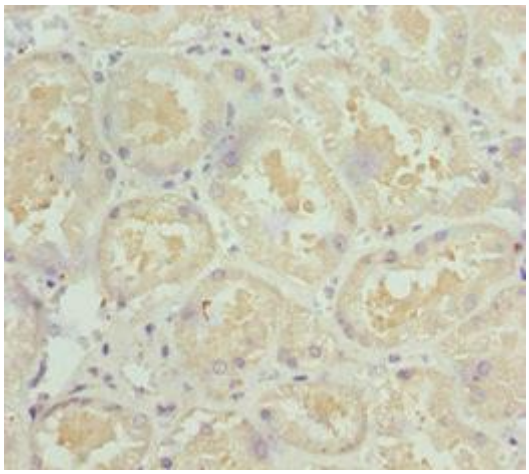
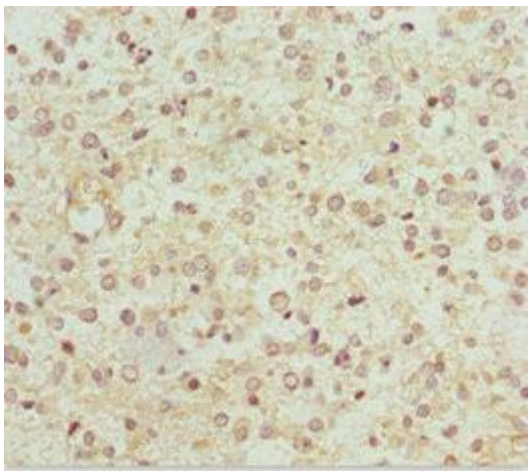
Product Images



Western blot. All lanes: NDUFS1 antibody at 1.15µg/ml + HepG2 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 80, 81, 68, 74, 76 kDa. Observed band size: 80 kDa.



Immunohistochemistry of paraffin-embedded human kidney tissue using PACO44880 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human glioma using PACO44880 at dilution of 1:100.

