ATP5H Antibody

PACO45174

Product Information

Size:

50ul

Reactivity:

Human, Mouse

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:

Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(0) domain and the peripheric stalk, which acts as a stator to hold the catalytic alpha(3)beta(3) subcomplex and subunit a/ATP6 static relative to the rotary elements.

Gene ID:

ATP5H

Uniprot

O75947

Synonyms:

ATP synthase subunit d, mitochondrial (ATPase subunit d), ATP5H

Immunogen:

Recombinant Human ATP synthase subunit d, mitochondrial protein (1-161AA).

Storage:

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

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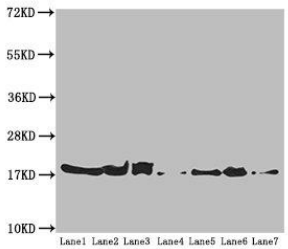
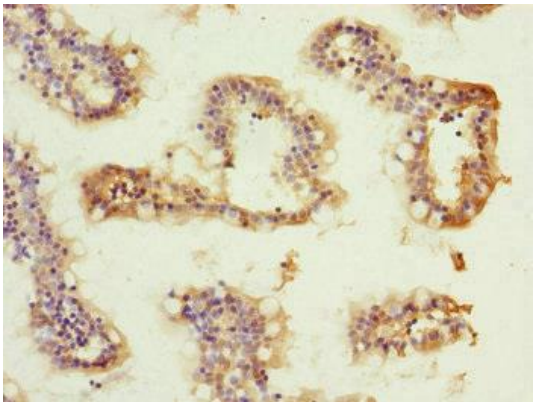
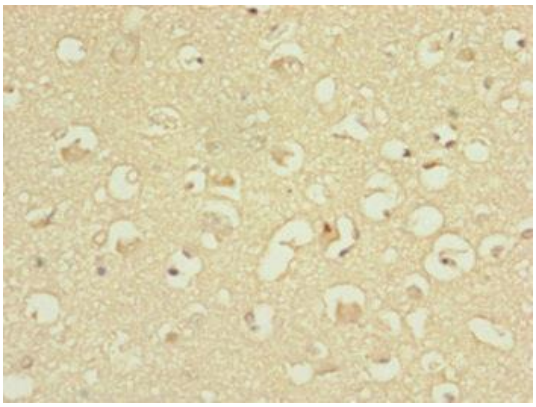
Product Images



Western blot. All lanes: ATP5H antibody at 5.16 µg/ml. Lane 1: Mouse kidney tissue. Lane 2: Mouse liver tissue. Lane 3: Mouse brain tissue. Lane 4: Hela whole cell lysate. Lane 5: HepG2 whole cell lysate. Lane 6: PC-3 whole cell lysate. Lane 7: U251 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 19, 16 kDa. Observed band size: 19 kDa.



Immunohistochemistry of paraffin-embedded human small intestine tissue using PACO45174 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human brain tissue using PACO45174 at dilution of 1:100.

