

PACO26081

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000,
IHC:1:20-1:200

Protein Background:

Mitochondrial membrane ATP synthase (F1F0 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, F1 - containing the extramembraneous catalytic core, and F0 - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP turnover in the catalytic domain of F1 is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F1 domain and of the central stalk which is part of the complex rotary element. Rotation of the central stalk against the surrounding alpha3beta3 subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits.

Gene ID:

ATP5F1D

Uniprot

P30049

Synonyms:

ATP synthase subunit delta, mitochondrial (ATP synthase F1 subunit delta) (F-ATPase delta subunit), ATP5F1D, ATP5D

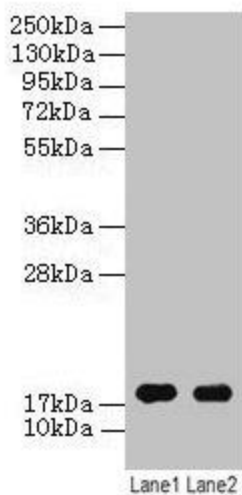
Immunogen:

Recombinant Human ATP synthase subunit delta, mitochondrial protein (32-158AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Western blot

All lanes: ATP5F1D antibody at 2 μ g/ml

Lane 1: EC109 whole cell lysate

Lane 2: 293T whole cell lysate

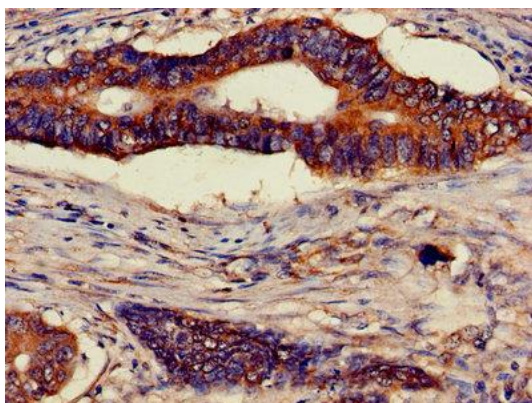
Secondary

Goat polyclonal to rabbit IgG at 1/15000 dilution

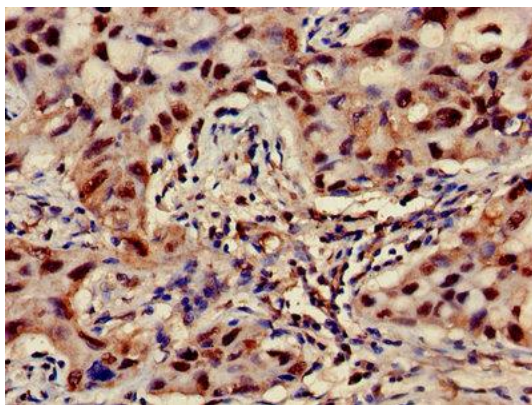
Predicted band size: 18 kDa

Observed band size: 18 kDa

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Immunohistochemistry of paraffin-embedded human colon cancer using PACO26081 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human lung cancer using PACO26081 at dilution of 1:100.