

PACO43722

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:200-1:1000,
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 synthesis in the catalytic domain of F1 is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F0 domain and the peripheral stalk, which acts as a stator to hold the catalytic alpha3beta3 subcomplex and subunit a/ATP6 static relative to the rotary elements.

Gene ID:

ATP5O

Uniprot

P48047

Synonyms:

ATP synthase subunit O, mitochondrial (Oligomycin sensitivity conferral protein) (OSCP), ATP5O, ATPO

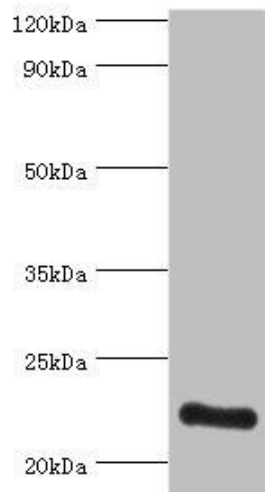
Immunogen:

Recombinant Human ATP synthase subunit O, mitochondrial protein (24-213AA).

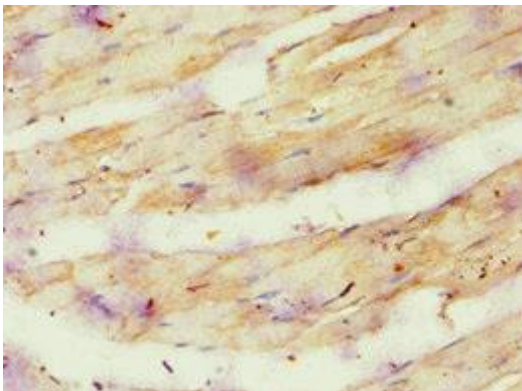
Storage:

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

Product Images



Western blot. All lanes: ATP5O antibody at 3 μ g/ml + HepG2 whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 23 kDa. Observed band size: 23 kDa.



Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using PACO43722 at dilution of 1:100.