ATP5G2 Antibody

PACO22163

Product Information

Size:

100ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, IHC:1:50-1:100

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. A homomeric c-ring of probably 10 subunits is part of the complex rotary element. HAMAP-Rule MF_01396.

Gene ID:

ATP5G2

Uniprot

Q06055

Synonyms:

ATP synthase lipid-binding protein; mitochondrial; ATP synthase proteolipid P2; ATPase protein 9; ATPase subunit c

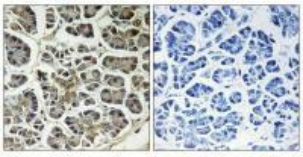
Immunogen:

Synthesized peptide derived from internal of human ATP5G2.

Storage:

Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Immunohistochemistry analysis of paraffin-embedded human pancreas tissue using ATP5G2 antibody.