ATP5G2 Antibody

Catalog No: #34450

Package Size: #34450-1 50ul #34450-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

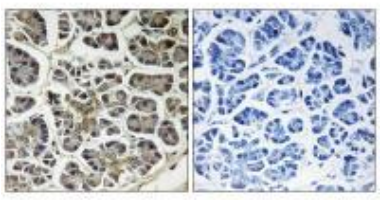
Description

Product Name	ATP5G2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ATP5G2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ATP5G2.
Target Name	ATP5G2
Other Names	ATP synthase lipid-binding protein; mitochondrial; ATP synthase proteolipid P2; ATPase protein 9; ATPase subunit c
Accession No.	Swiss-Prot: Q06055NCBI Gene ID: 517
Uniprot	Q06055
GeneID	517;
SDS-PAGE MW	15kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemistry analysis of paraffin-embedded human pancreas tissue using ATP5G2 antibody #34450.

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

Dyer M.R., Biochem. J. 293:51-64(1993).
Higuti T., Biochim. Biophys. Acta 1173:87-90(1993).
Farrell L.B., Biochem. Biophys. Res. Commun. 144:1257-1264(1987).

Note: This product is for in vitro research use only