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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ATP5G2 Antibody

Catalog Number: A11264

About ATP5G2

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).

Overview

Product Name	Anti-ATP5G2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-ATP5G2 Antibody (Catalog # A11264). Tested in IHC applications. This antibody reacts with Human.
Application	IHC
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q06055

Technical Details

Immunogen	Synthesized peptide derived from internal of human ATP5G2.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid

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Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Immunohistochemistry: 1:50~1:100

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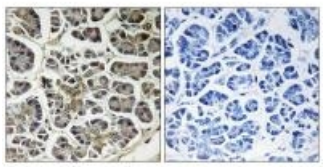
Anti-ATP5G2 Antibody (A11264) Images



Immunohistochemistry analysis of paraffin-embedded human pancreas tissue using ATP5G2 antibody A11264.