

Rabbit anti-Human ATP5G2 Polyclonal Antibody | anti-ATP5G2 antibody

ATP5G2 Antibody

CATALOG # AAA284650	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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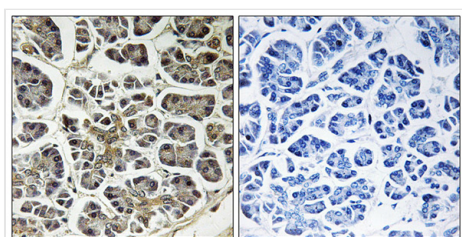
PRODUCT SYNONYMS

ATP5G2; Polyclonal Antibody; ATP5G2 Antibody; ATP synthase F(0) complex subunit C2; mitochondrial; ATP synthase lipid-binding protein; ATP synthase proteolipid P2; ATP synthase proton-transporting mitochondrial F(0) complex subunit C2; ATPase protein 9; ATPase subunit c; anti-ATP5G2 antibody

PRODUCT SPECIFICATIONS

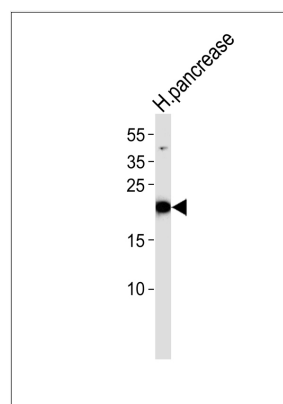
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	20-46
Sequence Length	157
Applicable Applications for anti-ATP5G2 antibody	IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of lysates from human pancreas tissue lysate, using ATP5G2 Antibody(AAA284650). AAA284650 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5G2 antibody	Mitochondrial membrane ATP synthase (F(1)F(0) 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, F(1) - containing the extramembraneous catalytic core and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(0) domain. A homomeric c-ring of probably 10 subunits is part of the complex rotary element.
Product Categories/Family for anti-ATP5G2 antibody	Metabolism; Signal Transduction
References	Dyer M.R.,et al.Biochem. J. 293:51-64(1993). Higuti T.,et al.Biochim. Biophys. Acta 1173:87-90(1993). Otsuki T.,et al.DNA Res. 12:117-126(2005). Scherer S.E.,et al.Nature 440:346-351(2006). Farrell L.B.,et al.Biochem. Biophys. Res. Commun. 144:1257-1264(1987).

NCBI AND UNIPROT INFORMATION

NCBI GI #	50593533
NCBI GeneID	517
NCBI Accession #	NP_001002031.1
NCBI GenBank Nucleotide #	NM_001002031.2
UniProt Accession #	Q06055; B3KQQ6
Molecular Weight	14637
NCBI Official Full Name	ATP synthase F(0) complex subunit C2, mitochondrial isoform a
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C2 (subunit 9)
NCBI Official Symbol	ATP5G2
NCBI Official Synonym Symbols	ATP5A
NCBI Protein Information	ATP synthase F(0) complex subunit C2, mitochondrial
UniProt Protein Name	ATP synthase F(0) complex subunit C2, mitochondrial
UniProt Gene Name	ATP5G2
UniProt Entry Name	AT5G2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.