

Rabbit anti-Human ATP5G3 Polyclonal Antibody | anti-ATP5G3 antibody

ATP5G3 Antibody

CATALOG # AAA302309	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

ATP5G3; Polyclonal Antibody; ATP5G3 Antibody; ATP synthase lipid-binding protein; mitochondrial; ATP synthase proteolipid P3; ATPase protein 9; ATPase subunit c; anti-ATP5G3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ATP5G3 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	142
Applicable Applications for anti-ATP5G3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ATP5G3.
Target Name	ATP5G3
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using ATP5G3 antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human pancreas tissue using ATP5G3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5G3 antibody	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_01396Yan W.L., Genomics 24:375-377(1994).L., Du H., Nature 434:724-731(2005).The MGC Project Team; Genome Res. 14:2121-2127(2004).
Product Categories/Family for anti-ATP5G3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	50659074
NCBI GeneID	518
NCBI Accession #	NP_001002258.1
NCBI GenBank Nucleotide #	NM_001002258.4
UniProt Accession #	P48201; Q4ZFX7; B2R4Z0; D3DPF0
Molecular Weight	14,693 Da
NCBI Official Full Name	ATP synthase F(0) complex subunit C3, mitochondrial isoform A
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C3 (subunit 9)
NCBI Official Symbol	ATP5G3
NCBI Official Synonym Symbols	P3
NCBI Protein Information	ATP synthase F(0) complex subunit C3, mitochondrial
UniProt Protein Name	ATP synthase F(0) complex subunit C3, mitochondrial
UniProt Gene Name	ATP5G3
UniProt Entry Name	AT5G3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atp5g3-antibody-immunofluorescence-immunohistochemistry-elisa/302309>