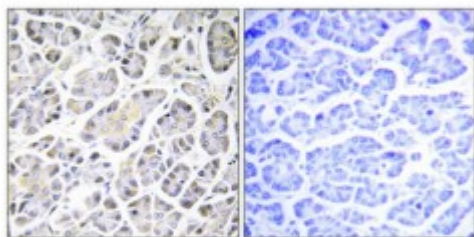


Anti-ATP5G3 antibody



Description	Rabbit polyclonal to ATP5G3.
Model	STJ91770
Host	Rabbit
Reactivity	Human, Rat
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human ATP5G3
Immunogen Region	10-90 aa, N-terminal
Gene ID	518
Gene Symbol	ATP5G3
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:40000
Specificity	ATP5G3 Polyclonal Antibody detects endogenous levels of ATP5G3 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	ATP synthase F ₀ complex subunit C3, mitochondrial ATP synthase lipid-binding protein ATP synthase proteolipid P3 ATP synthase proton-transporting mitochondrial F ₀ complex subunit C3 ATPase protein 9 ATPase subun
Molecular Weight	14.693 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:843OMIM:602736
Alternative Names	ATP synthase F 0 complex subunit C3, mitochondrial ATP synthase lipid-binding protein ATP synthase proteolipid P3 ATP synthase proton-transporting mitochondrial F 0 complex subunit C3 ATPase protein 9 ATPase subun
Function	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.
Cellular Localization	Mitochondrion membrane. Multi-pass membrane protein.

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