

Anti-ATP5G1 antibody



Description	Rabbit polyclonal to ATP5G1.
Model	STJ91768
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human ATP5G1.
Immunogen Region	Internal
Gene ID	516
Gene Symbol	ATP5G1
Dilution range	IHC 1:100-1:300ELISA 1:20000
Specificity	ATP5G1 Polyclonal Antibody detects endogenous levels of ATP5G1 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 C1, mitochondrial ATP synthase lipid-binding protein ATP synthase proteolipid P1 ATP synthase proton-transporting mitochondrial F 0 complex subunit C1 ATPase protein 9 ATPase subun
Molecular Weight	14.277 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:841OMIM:603192
Alternative Names	ATP synthase F 0 complex subunit C1, mitochondrial ATP synthase lipid-binding protein ATP synthase proteolipid P1 ATP synthase proton-transporting mitochondrial F 0 complex subunit C1 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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