

ATP5G1 Polyclonal Antibody

Cat No: HR1AP7658

For research use only

Overview

Product Name	ATP5G1 Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GeneID?Human?	ATP5G1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ATP5G1; ATP synthase lipid-binding protein; mitochondrial; ATP synthase proteolipid P1; ATPase protein 9; ATPase subunit c
Background	<p>ATP synthase, H⁺ transporting, mitochondrial Fo complex subunit C1 (subunit 9)(ATP5G1) Homo sapiens This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene is one of three genes that encode subunit c of the proton channel. Each of the three genes have distinct mitochondrial import sequences but encode the identi</p>