

ATP5S Polyclonal Antibody

Cat No: HR1AP2841

For research use only

Overview

Product Name	ATP5S Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	23kDa
GeneID?Human?	ATP5S
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ATP5S; ATPW; ATP synthase subunit s; mitochondrial; ATP synthase-coupling factor B; FB; Mitochondrial ATP synthase regulatory component factor B
Background	ATP synthase, H ⁺ transporting, mitochondrial Fo complex subunit s (factor B)(ATP5S) 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. This gene encodes the subunit s, also known as factor B, of the proton channel. This subunit is necessary for the energy transduction activity of the ATP synthase complexes. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],