

# ATP5I Polyclonal Antibody

Cat No: HR1AP2840

For research use only

## Overview

Product Name	ATP5I Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	8kDa
GeneID?Human?	ATP5I
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ATP5I; ATP5K; ATP synthase subunit e; mitochondrial; ATPase subunit e
Background	<p>ATP synthase, H<sup>+</sup> transporting, mitochondrial Fo complex subunit E(ATP5I) Homo sapiens Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F<sub>1</sub>, and the membrane-spanning component, F<sub>o</sub>, which comprises the proton channel. The F<sub>1</sub> complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The F<sub>o</sub> seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the e subunit of the F<sub>o</sub> complex. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jun 2010],</p>