

ATP5A Rabbit Polyclonal Antibody

Catalog# UZ-PA01113

Product information

产品货号	UZ-PA01113
别名	ATP5A1; ATP5A; ATP5AL2; ATPM; ATP synthase subunit alpha; mitochondrial
产品名称	ATP5A Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ATP5A1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	498
Human Swissprot No.	P25705
免疫原	The antiserum was produced against synthesized peptide derived from human ATP5A 1. AA range:201-250
稀释度	WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:40000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	60kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, using 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 consists of three main subunits (a, b, c). This gene encodes the alpha subunit of the catalytic core. Alternatively spliced transcript variants encoding the different isoforms have been identified. Pseudogenes of this
细胞定位	Mitochondrion . Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side . Cell membrane ; Peripheral membrane protein ; Extracellular side . Colocalizes with HRG on the cell surface of T-cells (PubMed:19285951). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal