

产品名称: ATP5J2 Rabbit Polyclonal Antibody
产品货号: APRab07337



产品概述 (Summary)

产品名称 (Production Name)	ATP5J2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATP5J2
别名 (Alternative Names)	ATP synthase f chain mitochondrial; ATP5JL; ATPK
基因 ID (Gene ID)	9551.0
蛋白 ID (SwissProt ID)	A6ND55. The antiserum was produced against synthesized peptide derived from human ATP5J2. AA range: 21-70

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

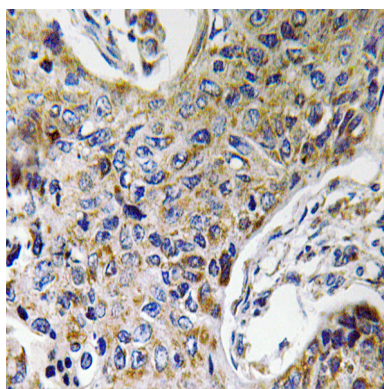
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Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The catalytic portion of mitochondrial ATP synthase consists of five different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and single representatives of the gamma, delta, and epsilon subunits. The proton channel likely has nine subunits (a, b, c, d, e, f, g, F6 and 8). ATP5J2 (ATP synthase, H⁺ transporting, mitochondrial Fo complex subunit F2) encodes the f subunit of the Fo complex. Alternatively spliced transcript variants encoding different isoforms have been identified for ATP5J2. ATP5J2 has multiple pseudogenes. Naturally occurring read-through transcription also exists between ATP5J2 and the downstream pentatricopeptide repeat domain 1 (PTCD1) gene. purine nucleotide metabolic process, purine nucleotide biosynthetic process, ATP biosynthetic process, ion transport, cation transport, hydrogen transport, nucleoside triphosphate metabolic process, nucleoside triphosphate biosynthetic process, purine nucleoside triphosphate metabolic process, purine nucleoside triphosphate biosynthetic process, purine ribonucleotide metabolic process, purine ribonucleotide biosynthetic process, nucleotide biosynthetic process, ribonucleoside triphosphate metabolic process, ribonucleoside triphosphate biosynthetic process, purine ribonucleoside triphosphate metabolic process, purine ribonucleoside triphosphate biosynthetic process, ribonucleotide metabolic process, ribonucleotide biosynthetic process, monovalent inorganic cation transport, proton transport, nucleobase, nucleoside and nucleotide biosynthetic process, nucleobase, nucleoside, nucleotide and nucleic acid biosynthetic process, nitrogen compound biosynthetic process, ATP metabolic process,

研究领域 (Research Area)

Oxidative phosphorylation;

图片 (Image Data)



Immunohistochemistry analysis of ATP5J2 antibody in paraffin-embedded human lung carcinoma tissue.

注意事项 (Note)

For research use only .