

产品名称: ATP5L2 Rabbit Polyclonal Antibody
产品货号: APRab07339



产品概述 (Summary)

产品名称 (Production Name)	ATP5L2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, 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)	ATP5L2
别名 (Alternative Names)	ATP5L2; ATP5K2; ATP synthase subunit g 2; mitochondrial; ATPase subunit g 2
基因 ID (Gene ID)	267020.0
蛋白 ID (SwissProt ID)	Q7Z4Y8. The antiserum was produced against synthesized peptide derived from human ATP5L2. AA range: 51-100

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	20kDa

研究背景 (Background)

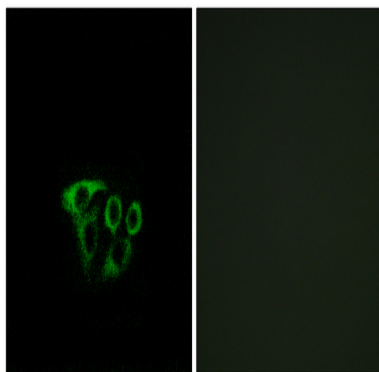
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function: Mitochondrial membrane ATP synthase (F₁F₀ ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F₁ - containing the extramembraneous catalytic core, and F₀ - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F₁ is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F₀ domain. Minor subunit located with subunit a in the membrane., similarity: Belongs to the ATPase g subunit family., subunit: F-type ATPases have 2 components, CF₁ - the catalytic core - and CF₀ - the membrane proton channel. CF₀ seems to have nine subunits: a, b, c, d, e, f, g, F₆ and 8 (or A6L)., function: Mitochondrial membrane ATP synthase (F₁F₀ ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F₁ - containing the extramembraneous catalytic core, and F₀ - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F₁ is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F₀ domain. Minor subunit located with subunit a in the membrane., similarity: Belongs to the ATPase g subunit family., subunit: F-type ATPases have 2 components, CF₁ - the catalytic core - and CF₀ - the membrane proton channel. CF₀ seems to have nine subunits: a, b, c, d, e, f, g, F₆ and 8 (or A6L).,

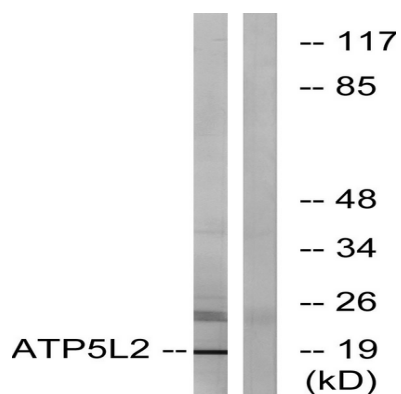
研究领域 (Research Area)

图片 (Image Data)

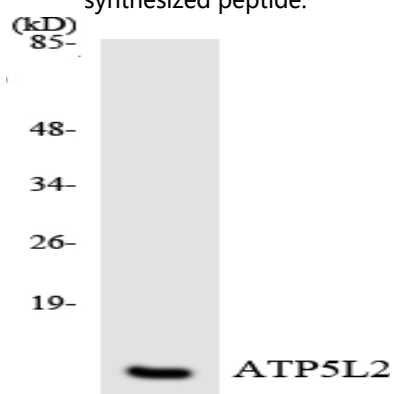


Immunofluorescence analysis of A549 cells, using ATP5L2 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from A549 cells, using ATP5L2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using ATP5L2 antibody.

注意事项 (Note)

For research use only .