

产品名称: ATP5G Rabbit Monoclonal Antibody
产品货号: AMRe85326



产品概述 (Summary)

产品名称 (Production Name)	ATP5G Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
种属反应性 (Reactivity)	Human,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATP5G
别名 (Alternative Names)	ATP synthase lipid-binding protein; ATP synthase membrane subunit c locus 1
基因 ID (Gene ID)	516/517/518
蛋白 ID (SwissProt ID)	P05496/Q06055/P48201.A synthetic peptide of human ATP5G1/G2/G3

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 14 kDa; Observed MW: 14 kDa

研究背景 (Background)

Mitochondrial membrane ATP synthase (F1F0 ATP synthase or Complex V) produces ATP from ADP in the presence of a

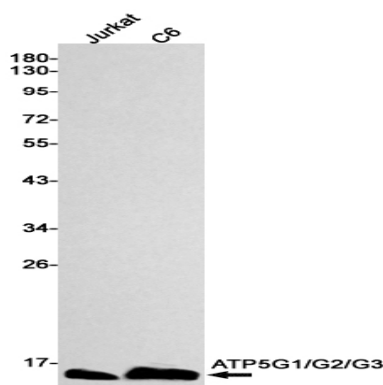
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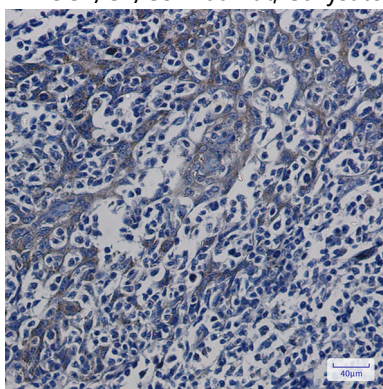
proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F1 - containing the extramembraneous catalytic core and F0 - containing the membrane proton channel, linked together by a central stalk and 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. A homomeric c-ring of probably 10 subunits is part of the complex rotary element. Miscellaneous There are three genes which encode the mitochondrial ATP synthase proteolipid and they specify precursors with different import sequences but identical mature proteins. Is the major protein stored in the storage bodies of animals or humans affected with ceroid lipofuscinosis (Batten disease).

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of ATP5G1/G2/G3 in Jurkat, C6 lysates using ATP5G antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using ATP5G1/G2/G3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .

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