

ATP5G RABBIT MAB

货号: N261894

产品全名: ATP5G 兔单克隆抗体

基因符号 ATP synthase lipid-binding protein; ATP synthase membrane subunit c locus 1

UNIPROT ID: P05496/Q06055/P48201

背景: 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. 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).

抗原: A synthetic peptide of human ATP5G1/G2/G3

经过测试的应用: WB, IHC-P, IP

推荐稀释比: WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

种属反应性: Rabbit

克隆性: Rabbit Monoclonal

克隆编号: R02-6G1

分子量: Calculated MW: 14 kDa; Observed MW: 14 kDa

亚型: IgG

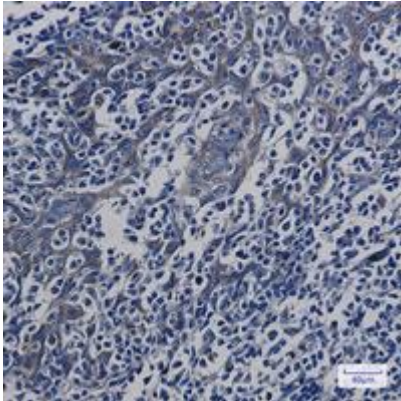
纯化: Affinity Purified

种属反应性: Human, Rat

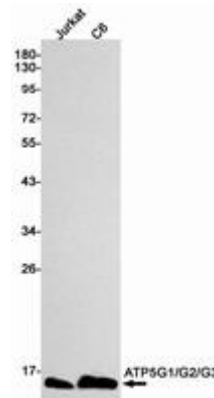
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Signal Transduction

储存和运输: Store at -20°C. Avoid repeated freezing and thawing



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.



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