



ATPB rabbit pAb

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| 货号 | YP-Ab-18197 |
| 同位型 | IgG |
| 应用 | WB |
| 种属 | Human;Mouse;Rat |
| 靶点 | ATP5F1B |
| 基因名称 | ATP5B ATPMB ATPSB |
| 蛋白名称 | ATP synthase subunit beta, mitochondrial (EC 3.6.3.14) |
| 免疫原 | Synthesized peptide derived from human ATPB |
| 特异性 | This antibody detects endogenous levels of ATPB at Human, Mouse,Rat |
| 组成 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| 来源 | Polyclonal, Rabbit,IgG |
| 稀释 | WB 1:500-2000 |
| 纯化工艺 | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| 分子量 | 58kD |
| 功能 | Mitochondrial membrane ATP synthase (F(1)F(0) 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, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Subunits alpha and beta form the catalytic core in F(1). Rotation of the central stalk against the surrounding alpha(3)beta(3) subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits. |
| 细胞定位 | Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side . |
| 浓度 | 1 mg/ml |
| 储存 | -15°C to -25°C/1 year(Do not lower than -25°C) |
| 有关注意事项 | Avoid repeated freezing and thawing! |
| 使用建议 | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |



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