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UCP2 Rabbit mAb

货号: AAY1921

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	**IHC:** 1:100-1:500 **WB:** 1:2000-1:10000 **IF:** 1:200-1:1000 **ELISA:** 1:5000-1:20000
理论分子量	33kD
实测分子量	33kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.923.
偶联物	Unconjugated
阳性对照	Raji,A-549,HT-29,RAW264.7,Mouse heart,Rat heart
细胞定位	Mitochondrion inner membrane,Multi-pass membrane protein
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	Mitochondrial uncoupling proteins (UCP) are members of the larger family of mitochondrial anion carrier proteins (MACP). UCPs separate oxidative phosphorylation from ATP synthesis with energy dissipated as heat, also referred to as the mitochondrial proton leak. UCPs facilitate the transfer of anions from the inner to the outer mitochondrial membrane and the return transfer of protons from the outer to the inner mitochondrial membrane. They also reduce the mitochondrial membrane potential in mammalian cells. Tissue specificity occurs for the different UCPs and the exact methods of how UCPs transfer H+/OH- are not known. UCPs contain the three homologous protein domains of MACPs. This gene is expressed in many tissues, with the greatest expression in skeletal muscle. It is thought to play a role in nonshivering thermogenesis, obesity and diabetes. Chromosomal order is 5'-UCP3-UCP2-3'.
基因ID	7351
基因名	UCP2;Mitochondrial uncoupling protein 2;UCP2;SLC25A8;Mitochondrial uncoupling protein 2;UCP 2;Solute carrier family 25 member 8;UCPH
Swiss	P55851 (https://www.uniprot.org/uniprotkb/P55851/entry)
别名	UCP2;Mitochondrial uncoupling protein 2;UCP2;SLC25A8;Mitochondrial uncoupling protein 2;UCP 2;Solute carrier family 25 member 8;UCPH

产品验证

实验步骤

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