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UCP1 Rabbit mAb

货号: AAY1566

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF IP ELISA
推荐浓度	**IHC:** 1:100-800 **WB:** 1:1000-3000 **IF:** 1:100-800
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,pH7.568.
偶联物	Unconjugated
阳性对照	Mouse brown adipose tissue,Rat brown adipose tissue
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 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 only in brown adipose tissue, a specialized tissue which functions to produce heat.
基因ID	7350
基因名	UCP1 SLC25A7 UCP
Swiss	P25874 (https://www.uniprot.org/uniprotkb/P25874/entry)
别名	UCP1 SLC25A7 UCP;Mitochondrial brown fat uncoupling protein 1 (UCP 1) (Solute carrier family 25 member 7) (Thermogenin);

产品验证

实验步骤

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