

UCP2 (5F4) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00908

Product information

产品货号	HZ-YMA00908
别名	UCP2;SLC25A8;Mitochondrial uncoupling protein 2;UCP 2;Solute carrier family 25 member 8;UCPH
产品名称	UCP2 (5F4) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	UCP2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	7351
Human Swissprot No.	P55851
稀释度	IHC-P 1:100-1:500, WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:500-1:20000
参考分子量	33kDa
预测分子量	33kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	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' [prov
细胞定位	Mitochondrion inner membrane; Multi-pass membrane protein.
纯化	Protein A
Clonality	Monoclonal