

UCP1 Rabbit pAb

货号: **AYP11070**

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus , Homo sapiens IHC: Mus musculus , Homo sapiens IF: Mus musculus , Homo sapiens ICC: Mus musculus,Homo sapiens
应用	WB IHC IF/ICC
推荐浓度	WB: 1:100 - 1:500 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	33kDa
实测分子量	30KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
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	Affinity purification

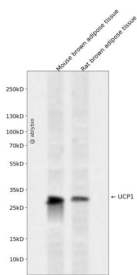
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human UCP1 (NP_06860 5.1).
序列	QEFLTAGKETAPSLGSKILAGLTTGGVAVFIGQPTEVVKVRLQAQSHLHGKIPRYTGTYNAYRIIATTEGLTGLWKGTTPNL MRSVIINCTELVTYDLMKE

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
Swiss	P25874
别名	UCP1;SLC25A7;UCP

产品验证



Western blot analysis of UCP1 expressed in Mouse brown adipose tissue, Rat brown adipose tissue using UCP1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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