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# PGC1α Rabbit pAb

**货号: AYP11008**

## 产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | **IF:** mouse cells , Rattus norvegicus<br>**WB:** Rabbit cerebral microvascular endothelial cells , Homo sapiens , Mus musculus , Rattus norvegicus , Gallus gallus , Capra hircus , Hordeum vulgare<br>**IHC:** Mus musculus , Homo sapiens , Rattus norvegicus |
| 应用 | WB IHC IF/ICC |
| 推荐浓度 | **WB:** 1:500 - 1:1000<br>**IHC:** 1:50 - 1:200<br>**IF/ICC:** 1:50 - 1:200 |
| 理论分子量 | 14kDa/30kDa/31kDa/33kDa/77kDa/89kDa/91kDa |
| 实测分子量 | 91KDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | HeLa,HepG2,Mouse heart,Mouse skeletal muscle,Rat heart |
| 细胞定位 | Cytoplasm,Nucleus,PML body |
| 纯化 | Affinity purification |

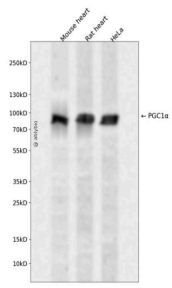
## 抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 610-798 of human PGC1α (NP_037393.1). |

## 靶点信息

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| 研究背景 | The protein encoded by this gene is a transcriptional coactivator that regulates the genes involved in energy metabolism. This protein interacts with PPARgamma, which permits the interaction of this protein with multiple transcription factors. This protein can interact with, and regulate the activities of, cAMP response element binding protein (CREB) and nuclear respiratory factors (NRFs). It provides a direct link between external physiological stimuli and the regulation of mitochondrial biogenesis, and is a major factor that regulates muscle fiber type determination. This protein may be also involved in controlling blood pressure, regulating cellular cholesterol homoeostasis, and the development of obesity. |
| 基因ID | 10891 |
| 基因名 | PPARGC1A |
| Swiss | Q9UBK2 (https://www.uniprot.org/uniprotkb/Q9UBK2/entry) |
| 别名 | PPARGC1A,LEM6,PGC-1(alpha),PGC-1alpha,PGC-1v,PGC1,PGC1A,PPARGC1,PPARG coactivator 1 alpha,PGC1 alpha,PGC1α Rabbit pAb,Ligand effect modulator 6 |

## 产品验证




Western blot analysis of PGC1α expressed in Mouse heart,Rat heart,HeLa using PGC1α 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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