

SIRT3 Rabbit pAb

货号: **B10278**

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | WB: Mus musculus , Rattus norvegicus , Homo sapiens IF: Rattus norvegicus CoIP: Mus musculus |
| 应用 | WB IHC IF/ICC |
| 推荐浓度 | WB: 1:500 - 1:1000 IHC: 1:20 - 1:50 IF/ICC: 1:50 - 1:200 |
| 理论分子量 | 28kDa/43kDa |
| 实测分子量 | 28KDa |
| 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 | HepG2,HeLa,293T,Mouse liver |
| 细胞定位 | Mitochondrion matrix |
| 纯化 | Affinity purification |

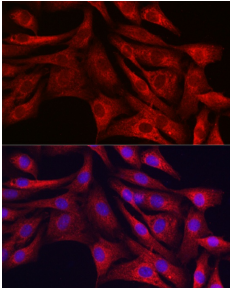
抗原信息

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| 抗原信息 | A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of human SIRT 3 (NP_036371.1). |
| 序列 | QRFLLHVVD FPMADLLLILGTSLEVEPFASL TEAVRSSVPRLLINRDLVGPLAWHPRSRDVAQLGDVVHGVESLVELLGWT EEMRDLVQRETGKLDGPK |

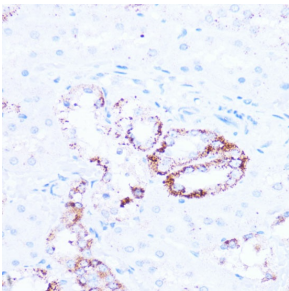
靶点信息

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| 研究背景 | This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene. |
| 基因ID | 23410 |
| 基因名 | SIRT3 |
| Swiss | Q9NTG7 |
| 别名 | SIRT3;SIR2L3;sirtuin 3 |

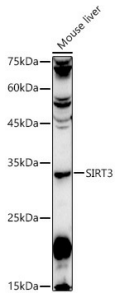
产品验证



Immunofluorescence analysis of NIH/3T3 cells using SIRT3 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat kidney using SIRT3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western blot analysis of extracts of Mouse liver, using SIRT3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

实验步骤

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