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# Phospho-SIRT1 (S47) Rabbit mAb

货号: **AYM30039**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>ICC:</b> 1:50 - 1:200
理论分子量	61kDa/81kDa
实测分子量	82kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Cytoplasm,Mitochondrion,Nucleus,Nucleus,PML body
纯化	Affinity purification

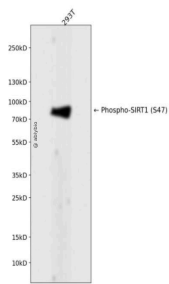
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-SIRT1 (S47).
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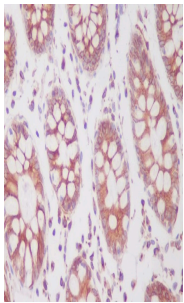
## 靶点信息

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. Alternative splicing results in multiple transcript variants.
基因ID	23411
基因名	SIRT1
Swiss	Q96EB6
别名	Phospho-SIRT1 (S47),75SirT1;hSIR2;hSIRT1;HST2, <i>S. cerevisiae</i> , homolog of;NAD dependent deacetylase sirtuin 1;NAD dependent protein deacetylase sirtuin 1;OTTHUMP00000198111;OTTHUMP00000198112;Regulatory protein SIR2 homolog 1;SIR1_HUMAN;SIR2;SIR2 like 1;

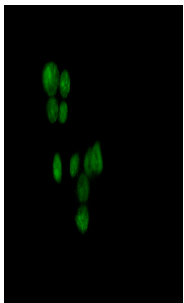
## 产品验证



Western blot analysis of Phospho-SIRT1 (S47) expressed in 293T using Phospho-SIRT1 (S47) Rabbit mAb 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.



Immunohistochemical analysis of paraffin-embedded human colon, using Phospho-SIRT1 (S47) Antibody.



Immunofluorescence analysis of HeLa cells labelling SIRT1 with . The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubated with Goat Anti-Rabbit IgG Fluor488 (1:200, shown in green) at room temperature for 1h.

## 实验步骤

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