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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	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **ICC:** 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℃. 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

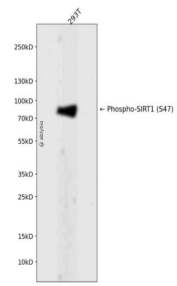
抗原信息

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

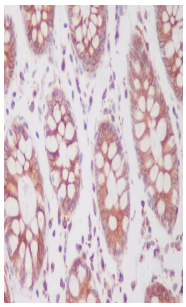
靶点信息

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 (https://www.uniprot.org/uniprotkb/Q96EB6/entry)
别名	Phospho-SIRT1 (S47),75SirT1,hSIR2,hSIRT1,HST2,S. cerevisiae,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,Phospho-SIRT1 (S47) Rabbit mAb,SIRT1,NAD-dependent protein deacylase sirtuin-1,SIR2-like protein 1,SIR2L1

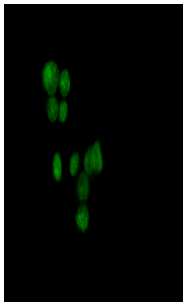
产品验证



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℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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