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Phospho-ACC1-S79 Rabbit pAb

货号: AYP11185

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB IHC:** Homo sapiens **WB:** Mus musculus , Homo sapiens , Sus scrofa , Rattus norvegicus
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
理论分子量	257kDa/259kDa/265kDa/269kDa
实测分子量	280KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Cytoplasm
纯化	Affinity purification

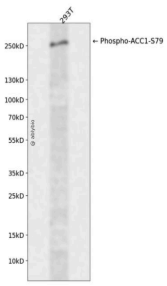
抗原信息

抗原信息	A synthetic phosphorylated peptide around S79 of human ACC1 (NP_942133.1).

靶点信息

研究背景	Acetyl-CoA carboxylase (ACC) is a complex multifunctional enzyme system. ACC is a biotin-containing enzyme which catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. There are two ACC forms, alpha and beta, encoded by two different genes. ACC-alpha is highly enriched in lipogenic tissues. The enzyme is under long term control at the transcriptional and translational levels and under short term regulation by the phosphorylation/dephosphorylation of targeted serine residues and by allosteric transformation by citrate or palmitoyl-CoA. Multiple alternatively spliced transcript variants divergent in the 5' sequence and encoding distinct isoforms have been found for this gene.
基因ID	31
基因名	ACACA
Swiss	Q13085 (https://www.uniprot.org/uniprotkb/Q13085/entry)
别名	ACACA,ACAC,ACACAD,ACC,ACC1,ACCA,Phospho-ACC1-S79 Rabbit pAb,Acetyl-Coenzyme A carboxylase alpha

产品验证



Western blot analysis of Phospho-ACC1-S79 expressed in 293T using Phospho-ACC1-S79 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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