



Phospho-ACC1-S79 Mouse mAb

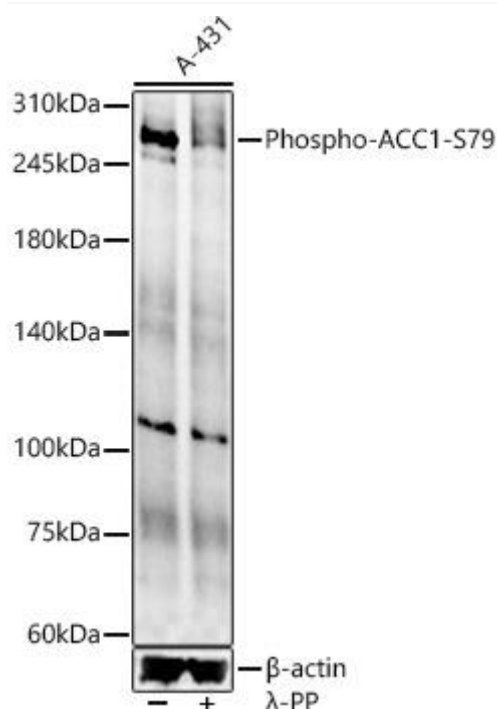
Catalog No	YP-mAb-18676
Isotype	IgG
Reactivity	Human, Mouse, Rat
Applications	WB
Gene Name	
Protein Name	
Immunogen	A synthetic phosphorylated peptide around S79 of human ACC1 (NP_942133.1).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACC; ACAC; ACC1; ACCA; Acac1; hACC1; ACACAD; ACCalpha; ACACalpha; Phospho-ACC1-S79
Observed Band	280kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	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.
matters needing attention	Avoid repeated freezing and thawing!



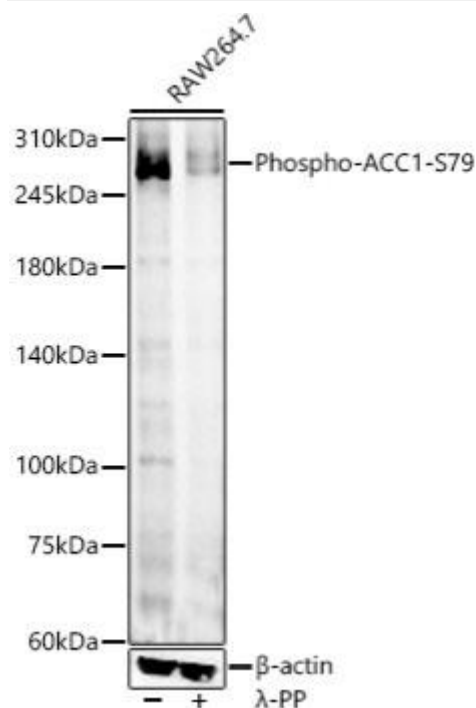
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from A-431 cells, using Phospho-ACC1-S79 Mouse pAb (AP0298) at 1:700 dilution. A-431 cells were treated by λ -PP mixed solution (1ul) at 30°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s



Western blot analysis of lysates from RAW264.7 cells, using Phospho-ACC1-S79 Mouse pAb (AP0298) at 1:700 dilution. RAW264.7 cells were treated by λ -PP mixed solution (1ul) at 30°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-RMouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.