

# Phospho-Acetyl Coenzyme A Carboxylase (Ser79) Recombinant Rabbit mAb

Catalog: BS43051

Host: Rabbit

Reactivity: Human, Mouse, Rat

## 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. [provided by RefSeq, Jul 2008]

## Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

## Molecular Weight:

277 kDa

## Swiss-Prot:

O00763

## Purification&Purity:

## Affinity Purification

## Applications:

WB: 1:1000-1:5000

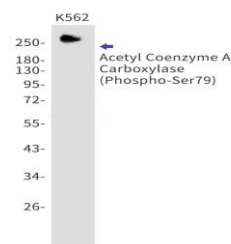
## Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

## Isotype:

IgG

## DATA:



Western blot detection of Acetyl Coenzyme A Carboxylase (Phospho-Ser79) in K562 cell lysates using Acetyl Coenzyme A Carboxylase (Phospho-Ser79) antibody(1:1000 diluted).

## Note:

For research use only, not for use in diagnostic procedure.

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