

Acetyl-CoA Carboxylase (Phospho Ser79) Rabbit mAb (AR1941)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	266kDa (Calculated) 266kDa (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:1000-15000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage -15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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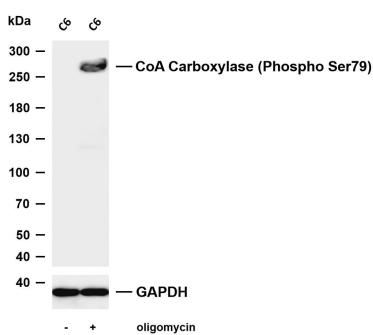
Immunogen Information

Specificity Acetyl-CoA Carboxylase (Phospho Ser79) Monoclonal Antibody detects endogenous levels of ACC protein only when phosphorylated at S79. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):SSmSG

Target Information

Gene name	ACACB; ACACA		
Protein Name	ACC, Acetyl-CoA carboxylase 2; ACC-beta; Acetyl-CoA carboxylase 1; ACC1		
Organism	Gene ID	UniProt ID	
Human	31,32	Q13085; O00763	
Mouse	107476	Q5SWU9	
Rat	60581	P11497	
Cellular Localization	Mitochondrion		
Tissue specificity	Widely expressed with highest levels in heart, skeletal muscle, liver, adipose tissue, mammary gland, adrenal gland and colon (PubMed:9099716). Isoform 3 is expressed in skeletal muscle, adipose tissue and liver (at protein level) (PubMed:19190759). Isoform 3 is detected at high levels in adipose tissue with lower levels in heart, liver, skeletal muscle and testis (PubMed:19190759).		

Validation Data



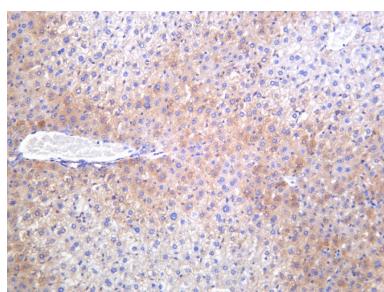
Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-Acetyl-CoA Carboxylase (Phospho Ser79) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: C6

Lane 2: C6 was treated with oligomycin(0.5 μ M) for 30 minutes

Predicted band size: 266kDa

Observed band size: 266kDa



Mouse liver was stained with anti-Acetyl-CoA Carboxylase (Phospho Ser79) Rabbit antibody.

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