

ARG51853 anti-Acetyl CoA carboxylase 1 phospho (Ser79) antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Acetyl CoA carboxylase 1 phospho (Ser79)
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Acetyl-CoA Carboxylase Alpha (Ser79)
Species	Human
Immunogen	Peptide sequence around phosphorylation site of serine 79 (S-M-S(p)-G-L) derived from Human Acetyl-CoA carboxylase 1.
Conjugation	Un-conjugated
Alternate Names	ACC; ACACAD; Acetyl-CoA carboxylase 1; ACAC; EC 6.4.1.2; ACCA; EC 6.3.4.14; ACC-alpha; ACC1

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:1000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

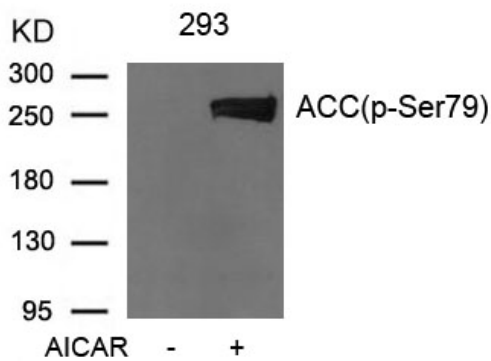
Properties

Form	Liquid
Purification	Antibodies were produced by immunizing rabbits with KLH-conjugated synthetic phosphopeptide. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. In addition, non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Buffer	PBS (without Mg ²⁺ and Ca ²⁺ , pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 31 Human Swiss-port # Q13085 Human
Gene Symbol	ACACA
Gene Full Name	acetyl-CoA carboxylase alpha
Background	Catalyzes the rate-limiting reaction in the biogenesis of long-chain fatty acids. Carries out three functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase.
Function	Catalyzes the rate-limiting reaction in the biogenesis of long-chain fatty acids. Carries out three functions: biotin carboxyl carrier protein, biotin carboxylase and carboxyltransferase. [UniProt]
Highlight	Related Antibody Duos and Panels: ARG30182 AMPK-ACC pathway Antibody Panel Related products: Acetyl CoA carboxylase 1 antibodies: Acetyl CoA carboxylase 1 Duos / Panels: Anti-Rabbit IgG secondary antibodies:
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody; AMPK-ACC pathway antibody
Calculated Mw	266 kDa
PTM	Phosphorylation on Ser-1263 is required for interaction with BRCA1.

Images



ARG51853 anti-Acetyl CoA carboxylase 1 phospho (Ser79) antibody
WB image

Western blot: Extracts from 293 cells untreated or treated with AICAR stained with ARG51853 anti-Acetyl CoA carboxylase 1 phospho (Ser79) antibody.