Acetyl-CoA Carboxylase Conjugated Antibody

Catalog No: #C56097

Package Size: #C56097-AF350 100ul #C56097-AF405 100ul #C56097-AF488 100ul #C56097-AF555 100ul #C56097-AF594 100ul #C56097-AF647 100ul #C56097-AF680 100ul #C56097-AF750 100ul #C56097-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Acetyl-CoA Carboxylase Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Acetyl-CoA Carboxylase Antibody detects endogenous levels of total Acetyl-CoA Carboxylase
Immunogen Description	A synthesized peptide derived from human Acetyl-CoA Carboxylase
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ACAC; ACACA; ACACB; ACC; ACC-alpha; ACC1; ACC2; ACCA; ACCB; Acetyl-CoA carboxylase 1; Biotin carboxylase;
Accession No.	Uniprot:Q13085/O00763
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	265kDa
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

ACC1 a subunit of acetyl-CoA carboxylase (ACC), a multifunctional enzyme system. Catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the rate-limiting step in fatty acid synthesis. Acetyl-CoA carboxylase (ACC) catalyzes the pivotal step of the fatty acid synthesis pathway. The 265 kDa ACCα (ACC1) is the predominant isoform found in liver, adipocytes, and mammary gland, while the 280 kDa ACCβ (ACC2) is the major isoform in skeletal muscle and heart.

Note: This product is for in vitro research use only