

bsm-62566R**[Primary Antibody]****phospho-ACACA (Ser80) Recombinant Rabbit mAb****BioSS**
ANTIBODIES

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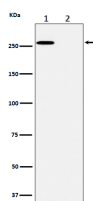
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000)
Clonality: Recombinant		Reactivity: Human, Mouse, Rat
GeneID: 32	SWISS: Q13085	
Target: ACACA (Ser80)		
Immunogen: A synthesized peptide derived from human Acetyl CoA carboxylase 1 around the phosphorylation site of S79: SM-pS-GL.		Predicted MW.: 266
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: Cytosolic enzyme that catalyzes the carboxylation of acetyl-CoA to malonyl-CoA, the first and rate-limiting step of de novo fatty acid biosynthesis. This is a 2 steps reaction starting with the ATP-dependent carboxylation of the biotin carried by the biotin carboxyl carrier (BCC) domain followed by the transfer of the carboxyl group from carboxylated biotin to acetyl-CoA.		

— VALIDATION IMAGES —

Western blot analysis of (1) A431 cell lysate; (2) A431 cell treated with lambda phosphatase lysate. Using Phospho-ACACA (Ser80) (bsm-62566R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.