

bsm-61390R**[Primary Antibody]****PGC1 alpha/beta Recombinant Rabbit mAb****Bioss**
ANTIBODIES

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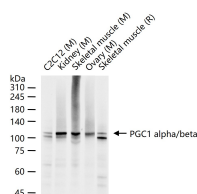
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human) Predicted MW.: 91,113 kDa Observed MW.: 105 kDa Subcellular Location: Nucleus
Clonality: Recombinant	CloneNo.: 17C3	
GeneID: 10891	SWISS: Q9UBK2	
Target: PGC1 alpha/beta		
Immunogen: A synthesized peptide derived from human PGC1 alpha: 765-798. Purification: affinity purified by Protein A 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: Transcriptional coactivator for steroid receptors and nuclear receptors.Greatly increases the transcriptional activity of PPARG and thyroid hormone receptor on the uncoupling protein promoter.Can regulate key mitochondrial genes that contribute to the program of adaptive thermogenesis.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with PGC1 alpha/beta monoclonal antibody, unconjugated (bsm-61390R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=4.2]** Ji-Hwan Yoon. et al. Stevia Extract Improves Skeletal Muscle Metabolism and Mitochondrial Function While Attenuating Muscle Atrophy in Palmitate-Treated C2C12 Myotubes and db/db Mice. MOL NUTR FOOD RES. 2026 Mar;70(5):e70425 WB ;Mouse. 41817289