PGC1 alpha+beta Rabbit mAb

Catalog No: #49410

Package Size: #49410-1 50ul #49410-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

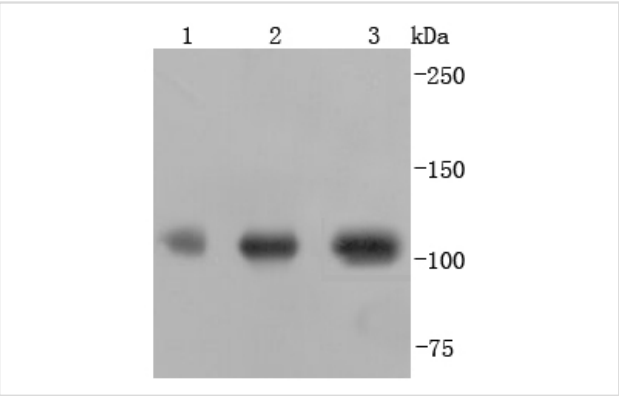
Description

Product Name	PGC1 alpha+beta Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JF09-71
Purification	ProA affinity purified
Applications	WB
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	LEM6 antibody Ligand effect modulator 6 antibody PERC antibody Peroxisome proliferative activated receptor, gamma, coactivator 1 alpha antibody Peroxisome proliferative activated receptor, gamma, coactivator 1 antibody Peroxisome proliferator activated receptor gamma coactivator 1 alpha antibody peroxisome proliferator-activated receptor gamma coactivator 1 beta antibody Peroxisome proliferator-activated receptor gamma coactivator 1-alpha antibody Peroxisome proliferator-activated receptor gamma coactivator 1-beta antibody peroxisome proliferator-activated receptor gamma, coactivator 1 beta antibody PGC 1 (alpha) antibody PGC 1 alpha antibody PGC 1v antibody PGC-1(beta) antibody PGC-1-alpha antibody PGC-1-beta antibody PGC-1-related estrogen receptor alpha coactivator antibody PGC1 antibody PGC1(alpha) antibody PGC1A antibody PGC1v antibody PPAR gamma coactivator 1 alpha antibody PPAR gamma coactivator 1 alpha 3 ligand effect modulator 6 antibody PPAR gamma coactivator 1 antibody PPAR gamma coactivator variant form antibody PPAR gamma coactivator-1beta antibody PPAR-gamma coactivator 1-alpha antibody PPAR-gamma coactivator 1-beta antibody PPARGC 1 alpha antibody PPARGC-1-alpha antibody PPARGC-1-beta antibody PPARGC1 antibody PPARGC1A antibody Ppargc1b antibody PRGC1_HUMAN antibody PRGC2_HUMAN antibody
Accession No.	Swiss-Prot#:Q86YN6
Uniprot	Q86YN6
GeneID	133522;
Calculated MW	113 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000

Images



Western blot analysis of PGC1 alpha+beta on different lysates using anti-PGC1 alpha+beta antibody at 1/1,000 dilution.
Positive control: Lane 1: Mouse brain Lane 2: Mouse heart
Lane 3: Mouse kidney

Background

Transcription factors exert their effects by associating with co-activator or corepressor proteins. The co-activator complexes are thought to be constitutively active, requiring only proper positioning in the genome to initiate transcription. Co-activators include the steroid receptor coactivator (SRC) and CREB binding protein (CBP) families that contain histone acetyltransferase (HAT) activity, which modifies chromatin structure. PPARgamma co-activator-1 (PGC-1) is a transcriptional cofactor of nuclear respiratory factor-1 (NRF-1), PPARbeta, PPARalpha and other nuclear receptors that is induced by exposure to cold temperatures and is involved in regulating thermogenic gene expression, protein uncoupling, and mitochondrial biogenesis. PGC-1 has a low inherent transcriptional activity when it is not bound to a transcription factor. Docking of PGC-1 to PPARgamma stimulates an apparent conformational change that then enables PGC-1 to bind to and assemble into complexes, which include the additional cofactors SRC-1 and CBP/p300, and results in a large increase in transcriptional activity.

References

Note: This product is for in vitro research use only