

PGC1 beta Conjugated Antibody

Catalog No: #C49655



Package Size: #C49655-AF350 100ul #C49655-AF405 100ul #C49655-AF488 100ul

#C49655-AF555 100ul #C49655-AF594 100ul #C49655-AF647 100ul

#C49655-AF680 100ul #C49655-AF750 100ul #C49655-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

| | |
|-----------------------|---|
| Product Name | PGC1 beta Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Species Reactivity | Hu, Rt |
| Immunogen Description | Recombinant protein |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | PERC antibody peroxisome proliferative activated receptor, gamma, coactivator 1, antibody peroxisome proliferator-activated receptor gamma coactivator 1 beta antibody Peroxisome proliferator-activated receptor gamma coactivator 1-beta antibody peroxisome proliferator-activated receptor gamma, coactivator 1 beta antibody PGC-1(beta) antibody PGC-1-beta antibody PGC-1-related estrogen receptor alpha coactivator antibody PGC1 antibody PPAR gamma coactivator-1beta antibody PPAR-gamma coactivator 1-beta antibody PPARGC-1-beta antibody PPARGC1 antibody Ppargc1b antibody PRGC2_HUMAN antibody |
| Accession No. | Swiss-Prot#:Q86YN6 |
| Uniprot | Q86YN6 |
| GeneID | 133522; |
| 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 |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| 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

Background

Plays a role of stimulator of transcription factors and nuclear receptors activities. Activates transcriptional activity of estrogen receptor alpha, nuclear respiratory factor 1 (NRF1) and glucocorticoid receptor in the presence of glucocorticoids. May play a role in constitutive non-adrenergic-mediated mitochondrial biogenesis as suggested by increased basal oxygen consumption and mitochondrial number when overexpressed. May be involved in fat oxidation and non-oxidative glucose metabolism and in the regulation of energy expenditure. Induces the expression of PERM1 in the skeletal muscle in an ESRRA-dependent manner.

Note: This product is for in vitro research use only