PPARGC1A Conjugated Antibody

Catalog No: #C37818

Package Size: #C37818-AF350 100ul #C37818-AF405 100ul #C37818-AF488 100ul #C37818-AF555 100ul #C37818-AF594 100ul #C37818-AF647 100ul #C37818-AF680 100ul #C37818-AF750 100ul #C37818-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PPARGC1A Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total PPARGC1A protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LEM6; PGC1; PGC1A; PGC-1v; PPARGC1; PGC-1(alpha)
Accession No.	Swiss-Prot#:Q9UBK2NCBI Gene ID:10891NCBI mRNA#:NCBI Protein#:NP_005520/P98160
Uniprot	Q9UBK2
GeneID	10891;
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	91
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin 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

The protein encoded by this gene is a transcriptional coactivator that regulates the genes involved in energy metabolism. This protein interacts with PPARgamma, which permits the interaction of this protein with multiple transcription factors. This protein can interact with, and regulate the activities of, cAMP response element binding protein (CREB) and nuclear respiratory factors (NRFs). It provides a direct link between external physiological stimuli and the regulation of mitochondrial biogenesis, and is a major factor that regulates muscle fiber type determination.?

Note: This product is for in vitro research use only