PPARGC1B Conjugated Antibody

Catalog No: #C37819

Package Size: #C37819-AF350 100ul #C37819-AF405 100ul #C37819-AF488 100ul #C37819-AF555 100ul #C37819-AF594 100ul #C37819-AF647 100ul #C37819-AF680 100ul #C37819-AF750 100ul #C37819-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	PPARGC1B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PPARGC1B protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human peroxisome proliferator-activated receptor gamma, coactivator 1 beta
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PERC; ERRL1; PGC1B; PGC-1(beta)
Accession No.	Swiss-Prot#:Q86YN6NCBI Gene ID:133522NCBI Protein#:NP_037393/Q9UBK2
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

The protein encoded by this gene stimulates the activity of several transcription factors and nuclear receptors, including estrogen receptor alpha, nuclear respiratory factor 1, and glucocorticoid receptor. The encoded protein may be involved in fat oxidation, non-oxidative glucose metabolism, and the regulation of energy expenditure. This protein is downregulated in prediabetic and type 2 diabetes mellitus patients. Certain allelic variations in this gene increase the risk of the development of obesity. Three transcript variants encoding different isoforms have been found for this gene.?

Note: This product is for in vitro research use only