

PPAR γ Conjugated Antibody

Catalog No: #C21649



Package Size: #C21649-AF350 100ul #C21649-AF405 100ul #C21649-AF488 100ul
 #C21649-AF555 100ul #C21649-AF594 100ul #C21649-AF647 100ul
 #C21649-AF680 100ul #C21649-AF750 100ul #C21649-Biotin 100ul

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Description

Product Name	PPAR γ Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PPAR γ protein.
Immunogen Description	Peptide sequence around aa.50~54 (L-S-V-M-E) derived from Human PPAR γ
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GLM1 ;NR1C3;PPARG1;PPARG2;PPARG
Accession No.	Swiss-Prot#:P37231NCBI Gene ID:5468NCBI mRNA#:NM_005037.5 NCBI Protein#:NP_005028.4
Uniprot	P37231
GeneID	5468;
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	53 57
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Background

Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the receptor binds to a promoter element in the gene for acyl-CoA oxidase and activates its transcription. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis.

Note: This product is for in vitro research use only