

PPARG Conjugated Antibody

Catalog No: #C32055



Package Size: #C32055-AF350 100ul #C32055-AF405 100ul #C32055-AF488 100ul
 #C32055-AF555 100ul #C32055-AF594 100ul #C32055-AF647 100ul
 #C32055-AF680 100ul #C32055-AF750 100ul #C32055-Biotin 100ul

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

Description

Product Name	PPARG Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total PPARG protein.
Immunogen Description	A synthetic peptide of human PPARG .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PPARG;PPARgamma;C1MT1;PPARG2;PPARG1
Accession No.	Swiss-Prot#:P37231NCBI Gene ID:5468
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	58
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

Product Description

Antibodies were purified by affinity purification using immunogen.

Background

Peroxisome proliferator-activated receptor γ (PPAR γ) is a member of the ligand-activated nuclear receptor superfamily and functions as a transcriptional activator (1). PPAR γ is preferentially expressed in adipocytes as well as in vascular smooth muscle cells and macrophage (2). Besides its role in mediating adipogenesis and lipid metabolism (2), PPAR γ also modulates insulin sensitivity, cell proliferation and inflammation (3). PPAR γ transcriptional activity is inhibited by MAP kinase phosphorylation of PPAR γ at Ser84 (4,5).

Note: This product is for in vitro research use only