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PRODUCT DATASHEET

Anti-Peroxisome proliferator-activated receptor gamma (PPAR-gamma) Antibody

Product Details

Available Variants	100 µL (SKU:C-1533-100)
Conjugate	Unconjugated
Isotype	IgY
Host Species	Chicken
Format	Affinity-purified
Physical State	Liquid
Buffer	PBS with 0.02% sodium azide.
Applications	WB
Dilution Ranges	ELISA: 1:2000-1:5000
Species Reactivity	Human
Immunogen	Human Peroxisome proliferator-activated receptor gamma peptide (115-129 aa).
Specificity	Human Peroxisome proliferator-activated receptor gamma.
Storage	Short term storage at 2-8°C for one week. At -20°C as an undiluted liquid for up to 12 months.
UniProt ID	P37231 UniProt Summary: Ligand-activated transcription factor that forms obligate heterodimers with the retinoic acid receptor and acts as a key regulator of biological processes, such as adipocyte differentiation, lipid metabolism, glucose homeostasis and beta-oxidation of fatty acids. Activated by lipid ligands: binds peroxisome proliferators, such as hypolipidemic drugs, and fatty acids, such as prostaglandin J2 metabolites. Ligand-binding results in a conformational change in the receptor, promoting dissociation of repressors and recruitment of coactivators, and subsequent activation of target gene

	expression. Specifically binds to DNA specific PPAR response elements (PPRE) and modulates the transcription of its target genes, such as acyl-CoA oxidase. Acts as a critical regulator of gut homeostasis by suppressing NF-kappa-B-mediated pro-inflammatory responses. Plays a role in the regulation of cardiovascular circadian rhythms by regulating the transcription of BMAL1 in the blood vessels.
Country of Origin	United States
Shipping	2-8°C (on cold packs)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.
NCBI Gene ID	5468

Product Images



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