

PPAR alpha (Phospho-Ser12) Antibody Biotin Conjugated

Catalog No: #C05117B

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Description

Product Name	PPAR alpha (Phospho-Ser12) Antibody Biotin Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 1-15 468 derived from human PPAR alpha around the phosphorylation site of ser12
Conjugates	Biotin
Target Name	PPAR alpha Ser12
Other Names	PPAR; NR1C1; hPPAR; PPARalpha; Peroxisome proliferator-activated receptor alpha; PPAR-alpha; Nuclear receptor subfamily 1 group C member 1; PPARA
Accession No.	Swiss-Prot#Q07869NCBI Gene ID5465
Cell Localization	Nucleus
Concentration	1mg/ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

Western blotting: 1:100-1000

Immunohistochemistry1:100-500

Background

Ligand-activated transcription factor. Key regulator of lipid metabolism. Activated by the endogenous ligand 1-palmitoyl-2-oleoyl-sn-glycerol-3-phosphocholine (16:0 18:1-GPC). Activated by oleylethanolamide, a naturally occurring lipid that regulates satiety. Receptor for peroxisome proliferators such as hypolipidemic drugs and fatty acids. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the ACOX1 and P450 genes. Transactivation activity requires heterodimerization with RXRA and is antagonized by NR2C2. May be required for the propagation of clock information to metabolic pathways regulated by PER2.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.