

# PPAR $\alpha$ (Phospho Ser21) rabbit pAb

Cat No.:ES20158

For research use only

## Overview

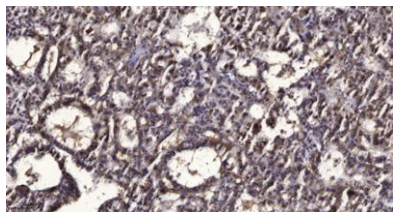
Product Name	PPAR $\alpha$ (Phospho Ser21) rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	Synthesized peptide derived from human PPAR $\alpha$ (Phospho Ser21)
Specificity	This antibody detects endogenous levels of Human PPAR $\alpha$ (Phospho Ser21)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PPAR $\alpha$ (Phospho Ser21)
Gene Name	PPARA NR1C1 PPAR
Cellular localization	Nucleus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	52kD
Human Gene ID	5465
Human Swiss-Prot Number	Q07869
Alternative Names	Peroxisome proliferator-activated receptor alpha (PPAR-alpha;Nuclear receptor subfamily 1 group C member 1)
Background	function: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.,online information:Peroxisome





proliferator-activated receptor  
entry,similarity:Belongs to the nuclear hormone  
receptor family. NR1 subfamily.,similarity:Contains 1  
nuclear receptor DNA-binding  
domain.,subunit:Heterodimer with the retinoid X  
receptor. Interacts with NCOA3 and NCOA6  
coactivators, leading to a strong increase of  
transcription of target genes. Also interacts with  
PPARBP coactivator in vitro. Interacts with  
AKAP13.,tissue specificity:Skeletal muscle, liver,  
heart and kidney.,

Immunohistochemical analysis of paraffin-embedded  
human liver cancer. 1, Antibody was diluted at 1:200(4°  
overnight). 2, Tris-EDTA,pH9.0 was used for antigen  
retrieval. 3,Secondary antibody was diluted at 1:200(room  
temperature, 45min).



Western Blot analysis of Hela treated or untreated by  
LPS lysis, using primary antibody at 1:1000 dilution.  
Secondary antibody(catalog#:RS23920) was diluted at  
1:10000

