

## PPAR alpha(Phospho Ser21) Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP12079
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human PPAR $\alpha$ (Phospho Ser21)
<b>Mol wt</b>	51480
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PPAR alpha
<b>Synonyms</b>	PPAR $\alpha$ ;Phospho Ser21; Peroxisome proliferator-activated receptor alpha; PPAR-alpha; Nuclear receptor subfamily 1 group C member 1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.|online information: Peroxisome proliferator-activated receptor entry|Belongs to the nuclear hormone receptor family. NR1 subfamily.|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.|

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year