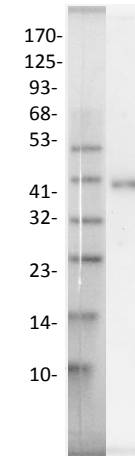


# Anti-PPAR $\alpha$ Polyclonal Antibody

<b>CATALOG NO:</b>	3585-30T      30 $\mu$ g (Trial size) 3585-100      100 $\mu$ g
<b>CONCENTRATION:</b>	0.5 mg/ml
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 25 of human PPAR $\alpha$ .
<b>INTERNAL ID:</b>	BV-518
<b>SPECIES REACTIVITY:</b>	Human. Validated using Jurkat cell lysates.
<b>FORMULATION:</b>	Phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.01% ProClin®
<b>PURIFICATION:</b>	Affinity purified
<b>STORAGE CONDITIONS:</b>	Store at -20 °C. For long term storage, aliquot and freeze at -70 °C. Avoid repeated freeze-thaw cycles.
<b>BACKGROUND:</b>	Peroxisome proliferator-activated receptor is a member of the nuclear hormone receptor superfamily and functions as a transcriptional activator. PPAR $\alpha$ is preferentially expressed in liver, skeletal muscle, heart and kidney. PPAR $\alpha$ is involved in regulation of lipid homeostasis. Its ligands include fatty acids, NSAIDs, prostaglandins, leukotriene B <sub>4</sub> , etc. PPAR $\alpha$ transcriptionally regulates a variety of genes for enzymes and proteins involved in fatty acid metabolism and oxidation.
<b>SPECIFICITY:</b>	The antibody recognizes a ~42-45 kDa band in Jurkat cell lysates.
<b>APPLICATION:</b>	The antibody can be used in Western blotting (0.5-4 $\mu$ g/ml).



Western blot with PPAR $\alpha$  Polyclonal Antibody using 45  $\mu$ g Jurkat cell lysates.

## Related Products:

- PPAR gamma Antibody (Cat # 3809-100)
- PPAR gamma Blocking Peptide (Cat # 3809BP-50)
- PPAR-alpha Antibody (Cat # 3585-100)
- PPAR-alpha Blocking Peptide (Cat # 3585BP-50)
- PPAR $\gamma$ , Human, Recombinant (Cat # 4371-10)
- PPAR $\gamma$  polyclonal antibody (Cat # 6833-25)
- PPAR $\gamma$  Antagonist, G3335 (Cat # 1979-10, -25)

**FOR RESEARCH USE ONLY! Not to be used on humans.**