

## ARG20170 anti-PPAR alpha antibody

Package: 100 µg, 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PPAR alpha
Tested Reactivity	Hu, Ms, Rat, Bov, Pig
Tested Application	IP, WB
Specificity	The antibody recognizes ~52 kDa PPAR $\alpha$ in human sample. A ~28 kDa cleavage fragment can also be detected in samples of human, mouse, and rat origins.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PPAR alpha
Antigen Species	Human
Immunogen	Synthetic peptide surrounding amino acid 25 of human PPAR $\alpha$
Conjugation	Un-conjugated
Alternate Names	hPPAR; NR1C1; Peroxisome proliferator-activated receptor alpha; PPAR; Nuclear receptor subfamily 1 group C member 1; PPAR-alpha; PPARalpha

### Application Instructions

Application table	Application	Dilution
	IP	25 µg/ml
	WB	0.5-6 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	52 kDa	

### Properties

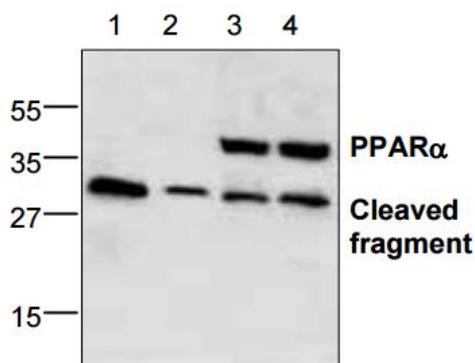
Form	Liquid
Purification	Affinity Purified Antibody
Buffer	PBS, 30% Glycerol, 0.5% BSA and 0.01% Thimerosal
Preservative	0.01% Thimerosal
Stabilizer	30% Glycerol, 0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

### Background

PPAR (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 B4, etc. PPAR $\alpha$  transcriptionally regulates a variety of genes for enzymes and proteins involved in fatty acid metabolism and oxidation.

## Images



ARG20170 anti-PPAR $\alpha$  antibody WB image

Western Blot: 1,2. Jurkat cell lysate 3. Rat liver tissue lysate 4. Rat kidney tissue lysate stained with anti-PPAR alpha antibody (ARG20170).

The antibody recognizes ~52 kDa PPAR $\alpha$  in human sample. A ~28 kDa cleavage fragment can also be detected in samples of human, mouse, and rat origins.