

# Product Datasheet

## PPAR alpha/NR1C1 Antibody NB100-63215

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-63215**

PPAR alpha/NR1C1 Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2)
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5465
<b>Gene Symbol</b>	PPARA
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	NB100-63215 detects an epitope within the N-terminal region of human peroxisome proliferator-activated receptor, alpha (PPARA), a member of the nuclear hormone receptor subfamily. Upon activation, PPARA forms heterodimers with retinoid X receptors (RXRs), and functions to regulate transcription of specific gene sequences. In particular, PPARA controls genes involved in the peroxisomal and mitochondrial beta oxidation pathways, fatty acid uptake, and triglyceride catabolism in the liver and skeletal muscle. PPARA also has anti-inflammatory and anti-proliferative effects and prevents the proatherogenic effects of cholesterol accumulation in macrophages by stimulating cholesterol efflux. PPARA is the main target of fibrate drugs; hypolipidemic agents used in the treatment of dyslipidemia and the prevention of cardiovascular disease. They could also be used for the treatment of type II diabetes.
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 1-18 of human PPAR alpha.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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