

Rabbit PPARA Polyclonal Antibody | anti-PPARA antibody

PPARA Antibody (Center)

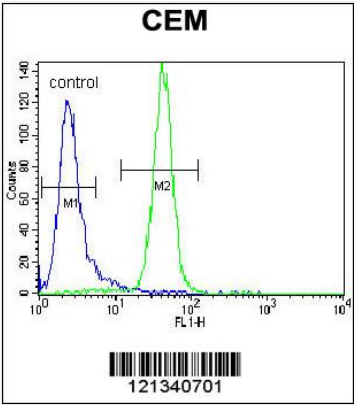
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289234	Rabbit	Mouse (Predicted Reactivity: Rat, Xenopus)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

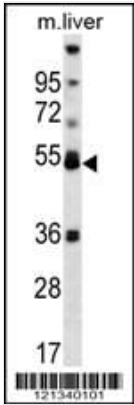
PPARA; Polyclonal Antibody; PPARA Antibody (Center); Peroxisome proliferator-activated receptor alpha; PPAR-alpha; Nuclear receptor subfamily 1 group C member 1; NR1C1; PPAR; anti-PPARA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPARA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 153-181 amino acids from the Central region of human PPARA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	153-181
Sequence Length	468
Applicable Applications for anti-PPARA antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PPARA Antibody (Center) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
PPARA Antibody (Center) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the PPARA antibody detected the PPARA protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PPARA antibody	Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined.
Product Categories/Family for anti-PPARA antibody	Cancer; Cardiovascular; Metabolism
References	Jablonski, K.A., et al. Diabetes 59(10):2672-2681(2010) Hu, M., et al. Pharmacogenet. Genomics 20(10):634-637(2010) Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) : Eynon, N., et al. Mitochondrion (2010) In press : Aldhoon, B., et al. Folia Biol. (Praha) 56(3):116-123(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	50348666
NCBI GeneID	5465
NCBI Accession #	NP_001001928.1; NP_005027.2
NCBI GenBank Nucleotide #	NM_001001928.2
UniProt Accession #	Q07869; Q16241; Q6I9S0; Q92486; Q92689; Q9Y3N1; B0G0X3
Molecular Weight	52225
NCBI Official Full Name	peroxisome proliferator-activated receptor alpha

NCBI Official Synonym Full Names	peroxisome proliferator-activated receptor alpha
NCBI Official Symbol	PPARA
NCBI Official Synonym Symbols	PPAR; NR1C1; hPPAR; PPARalpha
NCBI Protein Information	peroxisome proliferator-activated receptor alpha
UniProt Protein Name	Peroxisome proliferator-activated receptor alpha
UniProt Gene Name	PPARA
UniProt Synonym Gene Names	NR1C1; PPAR; PPAR-alpha
UniProt Entry Name	PPARA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ppara-antibody-flow-cytometry-western-blot-elisa/289234>