

Rabbit PPAR Alpha Polyclonal Antibody | anti-PPARA antibody

Rabbit Polyclonal to Mouse PPAR Alpha

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50730	Rabbit	Boar, Bovine, Dog, Hamster, Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

PPAR Alpha; Polyclonal Antibody; Rabbit Polyclonal to Mouse PPAR Alpha; Anti-PPAR Alpha Antibody (N-Terminus) IHC-plus; PPARalpha; PPAR-alpha; NR1C1; HPPAR; PPAR; Mouse PPAR Alpha; anti-PPARA antibody

PRODUCT SPECIFICATIONS

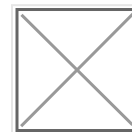
Host	Rabbit
Reactivity	Boar, Bovine, Dog, Hamster, Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Amino acids 1 to 18 of mouse PPAR alpha.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	0.98 mg/ml (varies by lot)
Sequence Length	468
Applicable Applications for anti-PPARA antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Mouse
Immunogen Description	Synthetic peptide from mouse PPARA / PPAR.
Immunogen Type	Synthetic peptide
Immunogen	PPAR Alpha antibody was raised against synthetic peptide from mouse PPARA / PPAR.
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



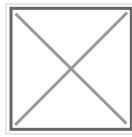
WB (Western Blot)

Anti-PPAR alpha (N -terminal specific) Antibody - Western Blot. Affinity Purified Anti-PPAR alpha (N -terminal specific) (Rabbit) is shown to detect a 52 kD band corresponding to PPAR alpha present in a 3T3 whole cell lysate. Approximately 20 ug of lysate was loaded per lane for SDS-PAGE. Detection occurred after using a 1:500 (lane 1) or 1:1000 (lane 2) dilution of antibody followed by 1:2000 dilution of HRP Goat-a-Rabbit IgG for visualization. Storage Conditions: Store vial at -20±176; C prior to opening. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20±176; C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of opening.



IHC (Immunohistochemistry)

Immunohistochemistry using anti-PPAR antibody, showing staining of PPAR alpha in rat brain sections, highlighting cytoplasmic staining in ependymal cells and neurons in frontal cortex. Bottom image shows subventricular zone (svz) of lateral ventricle (exit point of progenitor olfactory neurons); top image shows frontal cortex in the same section. Cytoplasmic staining is also observed in the corpus callosum (bottom image) and in dendritic fields of the cortex. Formalin/PFA-fixed paraffin-embedded sections of rat brain tissue were incubated with the primary antibody at 1:200 for 1 hour. Antigen retrieval was performed by heat induction in citrate buffer pH 6.0.



IHC (Immunohistochemistry)

Anti-PPAR Alpha antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PPARA antibody	Peroxisome Proliferator-Activated Receptor Alpha (PPAR alpha), a NR1 Thyroid Hormone-Like Receptor, is involved in the regulation of the hepatic response to peroxisomal proliferators, lipid metabolism, and inflammation response. PPAR Alpha binds to direct repeat 1 (DR1) hormone response elements as a heterodimer with the retinoic X receptor (RXR) and is activated by RXR ligands, fatty acids, peroxisome proliferators, and hypolipidemic fibrates including bezafibrate and clofibrate.
Product Categories/Family for anti-PPARA antibody	Family: NHR; Subfamily: NR1 Thyroid hormone-like

NCBI AND UNIPROT INFORMATION

NCBI GI #	7549811
NCBI GeneID	5465
NCBI Accession #	NP_005027.2
NCBI GenBank Nucleotide #	NM_005036.4
UniProt Accession #	Q07869; Q16241; Q6I9S0; Q92486; Q92689; Q9Y3N1; B0G0X3
Molecular Weight	18,942 Da
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; PPAR-alpha; nuclear receptor subfamily 1 group C member 1; peroxisome proliferative activated receptor, alpha; peroxisome proliferator-activated nuclear receptor alpha variant 3
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://stage.aaabiotech.com/polyclonal/ppar-alpha-antibody-western-blot-immunohistochemistry-elisa/50730>