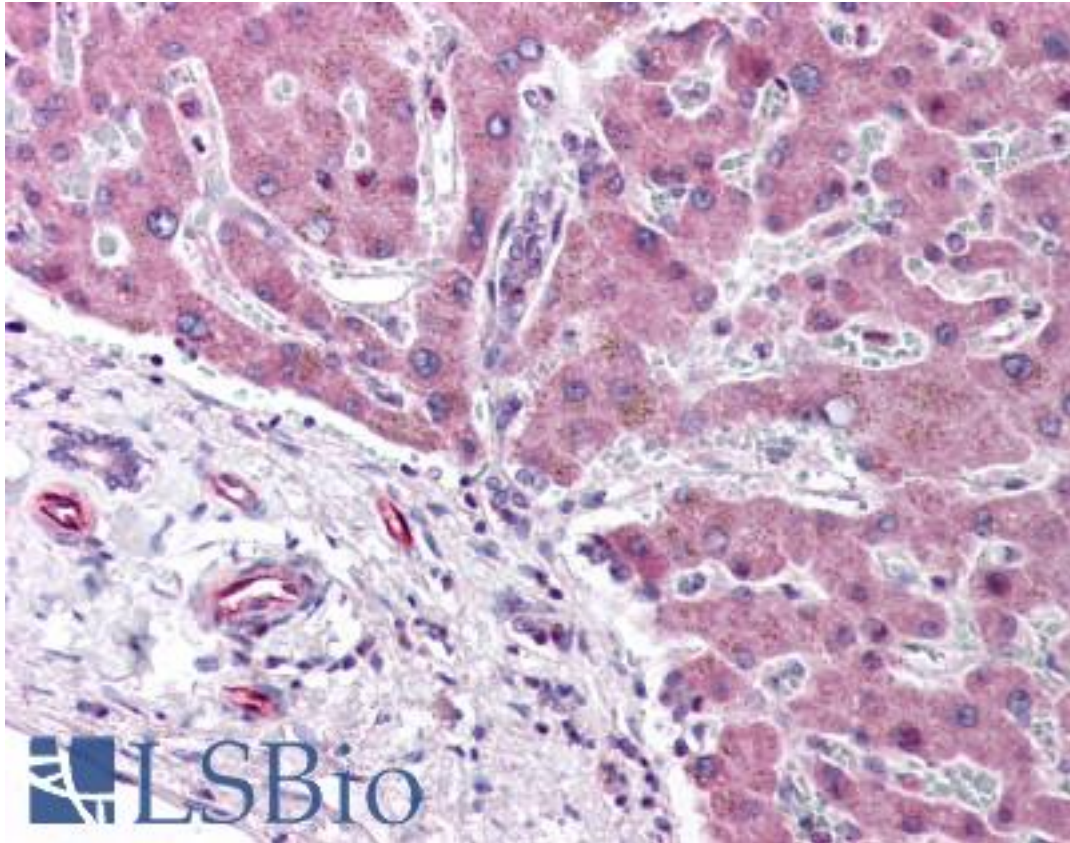


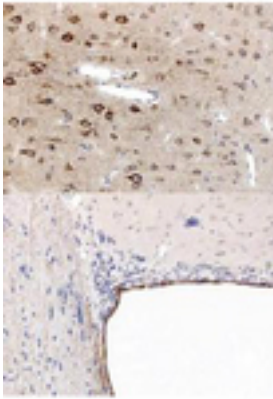
PPAR Alpha Rabbit anti-Mouse Polyclonal (N-Terminus) Antibody - LS-B46 - LSBio	
CatalogID:	LS-B46
Validation:	This antibody replaces catalog number LS-C18859. It has been validated for use in the following assays: IHC.
Target:	peroxisome proliferator-activated receptor alpha (PPARA)
Synonyms:	PPARA Antibody, PPAR Alpha Antibody, PPARalpha Antibody, PPAR-alpha Antibody, NR1C1 Antibody, HPPAR Antibody, PPAR Antibody
Family / Subfamily:	NHR / NR1 Thyroid hormone-like
Host	PPARA antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	PPAR Alpha antibody was raised against Mouse
Antigen Type:	Synthetic peptide
Immunogen:	PPAR Alpha antibody was raised against synthetic peptide from mouse PPARA / PPAR.
Specificity:	Amino acids 1 to 18 of mouse PPAR alpha.
Epitope:	N-Terminus
Reactivity:	Mouse, Human, Rat, Bovine, Dog, Hamster, Boar
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B46 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B46 was determined to be 20 ug/ml.
Uses:	IHC - Paraffin (20 µg/ml), Western blot (1:500 - 1:2000), ELISA (1:8000 - 1:32000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



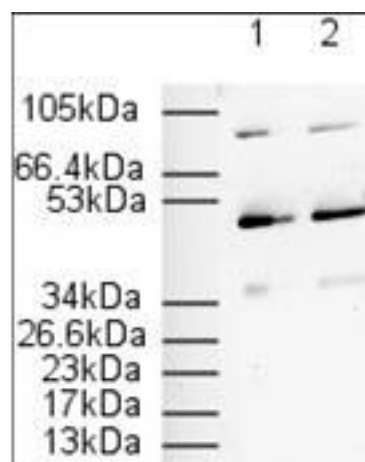
Anti-PPAR Alpha antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B46 concentration 20 ug/ml.

Immunohistochemistry Image:



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.

Western Blot Image:



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° C prior to opening. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of opening.

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