

Datasheet: AHP1459

BATCH NUMBER 158572

Description:	RABBIT ANTI PPAR ALPHA
Specificity:	PPAR ALPHA
Other names:	PPARA
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			20ug/ml
ELISA	▪			1/8000
Western Blotting	▪			1/500
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Mouse
Species Cross Reactivity	Reacts with: Human, Monkey, Chimpanzee N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
Product Form	Purified IgG - liquid

Antiserum Preparation Antiserum to mouse PPAR ALPHA was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	0.01% Sodium Azide (NaN ₃)
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Approx. Protein Concentrations	IgG concentration 1.0mg/ml
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Immunogen	Synthetic peptide corresponding to amino acids 1 to 18 of mouse PPAR alpha.
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External Database Links	UniProt: P23204 Related reagents Entrez Gene: 19013 Ppara Related reagents
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Synonyms	Nr1c1, Ppar
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RRID	AB_2252504
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Specificity	Rabbit anti Mouse PPAR alpha antibody recognizes mouse Peroxisome proliferator-activated receptor alpha (PPAR ALPHA), a 52.2 kDa transcription factor belonging to the nuclear hormone receptor (NR1) family.
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Peroxisome proliferator-activated receptors are vital in the regulation of cellular differentiation, development and metabolism. PPARG is also the target of hypolipidemic fibrates, a class of drugs used in cholesterol disorders.

PPARG alpha is expressed primarily in the liver, kidney, heart and skeletal muscle and is involved in the regulation of beta-oxidation of fatty acids.

Histology Positive Control Tissue	Mouse liver
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Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.
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Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee	12 months from date of despatch
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Health And Safety	Material Safety Datasheet documentation #10040 available at:
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Information <https://www.bio-rad-antibodies.com/SDS/AHP145910040>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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