

Datasheet: AHP1459

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.
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
Preservative Stabilisers	0.01% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

Immunogen Synthetic peptide corresponding to amino acids 1 to 18 of mouse PPAR alpha.

External Database Links

UniProt:
[P23204](#) [Related reagents](#)

Entrez Gene:
[19013](#) Ppara [Related reagents](#)

Synonyms Nr1c1, Ppar

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.

Peroxisome proliferator-activated receptors are vital in the regulation of cellular differentiation, development and metabolism. PPARA is also the target of hypolipidemic fibrates, a class of drugs used in cholesterol disorders.

PPARA 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

Storage Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000B\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025C)

TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

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