

Datasheet: AHP1461

Description:	RABBIT ANTI PPAR GAMMA
Specificity:	PPAR GAMMA
Other names:	PPARG
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)	■			2.5ug/ml
ELISA	■			1/4000
Western Blotting	■			1/1000
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	Human
Species Cross Reactivity	Reacts with: Mouse N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Antiserum Preparation	Antiserum to human PPAR gamma 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	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5mg/ml

Immunogen	Synthetic peptide corresponding to a region near the amino terminus of human PPAR gamma 2.
External Database Links	UniProt: P37231 Related reagents Entrez Gene: 5468 PPARG Related reagents
Synonyms	NR1C3
Specificity	Rabbit anti Human PPAR gamma antibody recognises human Peroxisome proliferator-activated receptor gamma (PPARγ) a 57.6 kDa transcription factor belonging to the nuclear hormone receptor (NR1) family. PPARγ is vital in the regulation of cellular differentiation, development and metabolism. PPARγ is a key regulator of adipocyte differentiation and glucose homeostasis. In addition, PPARγ is the main target of thiazolidinediones (TZDs), a class of drug used in diabetes mellitus and other diseases that feature insulin resistance. PPARγ is widely expressed with high concentrations being found in adipose tissue.
Histology Positive Control Tissue	Human prostate
References	1. Kolben, T.M. <i>et al.</i> (2018) PPARgamma Expression is Diminished in Macrophages of Recurrent Miscarriage Placentas Placentas. Preprints 2018, 2018050351.
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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