

Product datasheet

Anti-PPAR gamma 2 + PPAR gamma antibody [A3409A] α b41928

★★★★★ [2 Abreviews](#) [48 References](#) [4 Images](#)

Overview

Product name	Anti-PPAR gamma 2 + PPAR gamma antibody [A3409A]
Description	Mouse monoclonal [A3409A] to PPAR gamma 2 + PPAR gamma
Host species	Mouse
Tested applications	Suitable for: IHC-P, WB, IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment corresponding to Human PPAR gamma aa 1-150. Baculovirus-expressed Database link: P37231
Positive control	IHC: Rat adipose cells and rat placenta. WB: Nuclear lysate of 3T3L-1 cells induced for adipocyte differentiation
General notes	<p>This product was changed from ascites to tissue culture supernatant on 3rd April 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7 Preservative: 0.1% Sodium azide Physiological saline.
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	A3409A
Isotype	IgG2a

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab41928 in the following tested applications.

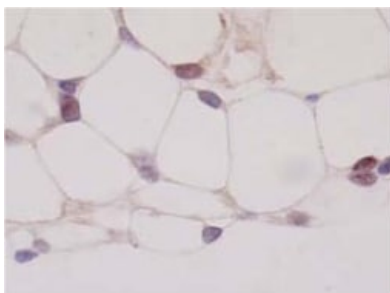
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform antigen retrieval by autoclave to preserve reproducibility. Sections should be fixed with formalin for no longer than 48 hours.
WB	★★★★★ (2)	Use at an assay dependent concentration. Predicted molecular weight: 58 kDa. A nuclear extraction is recommended.
IP		Use at an assay dependent concentration.

Target

Cellular localization PPAR gamma 2: Nucleus. Cytoplasm. Redistributed from the nucleus to the cytosol through a MAP2K1/MEK1-dependent manner. PPAR gamma: Nucleus.

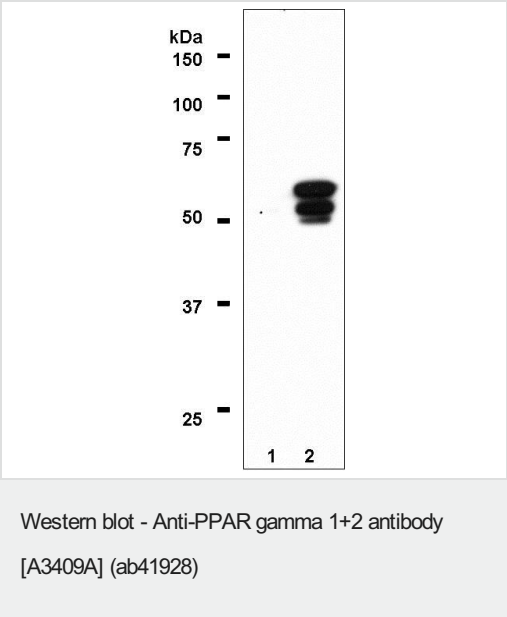
Images



ab41928 staining PPAR gamma 1+2 in rat adipose cells (10 ug/mL) by immunohistochemistry, formalin-fixed paraffin embedded sections.

This image was generated using the ascites version of the product.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PPAR gamma 1+2 antibody [A3409A] (ab41928)



All lanes : Anti-PPAR gamma 2 + PPAR gamma antibody [A3409A] (ab41928) at 1 µg/ml

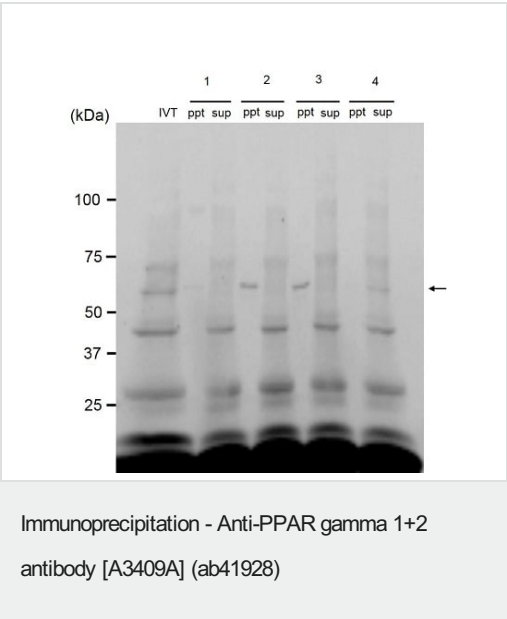
Lane 1 : Nuclear lysate of non induced 3T3L-1 cells

Lane 2 : Nuclear lysate of 3T3L-1 cells induced for adipocyte differentiation

Lysates/proteins at 20 µg per lane.

Predicted band size: 58 kDa

Two bands are visible: PPAR gamma 1 and PPAR gamma 2.
This image was generated using the ascites version of the product.



Lane 1: FLAG-M2

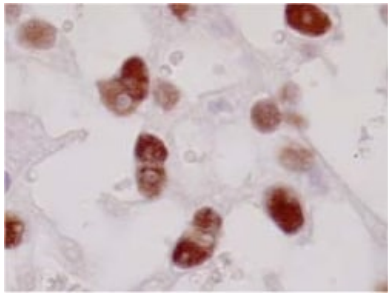
Lane 2: ab41928

Lane 3: ab41928

Lane 4: Control IgG

Immunoprecipitation analysis using Fluorescence labeled PPAR gamma generated in vitro translation. Anti-PPAR gamma antibody (ab41928) is diluted with translation production and mixed with protein G Sepharose beads. It is then rotated at 4°C for 1 hour and precipitates are eluted with addition of SDS loading buffer. Samples are incubated for 10minutes at 70°C and analyzed with Fluorescence imager.

This image was generated using the ascites version of the product.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PPAR gamma 1+2 antibody [A3409A] (ab41928)

ab41928 staining PPAR gamma 1+2 in rat placenta (10 ug/mL) by immunohistochemistry, formalin-fixed paraffin embedded sections.

This image was generated using the ascites version of the product.

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