

Basic Information

Product Name	Anti-PPAR Gamma/PPARG Antibody
Gene Name	PPARG
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB, FCM, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.
Immunogen	E.coli-derived human PPAR gamma/PPARG recombinant protein (Position: H58-K329).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	65KD
Dilution Ratios	Western blot(WB): 1:500-2000 Flow cytometry (FCM): 1-3µg/1x10 ⁶ cells (ELISA): 1:100-1000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Peroxisome proliferator- activated receptor gamma (PPAR-γ or PPARG), also known as the glitazone reverse insulin resistance receptor, or NR1C3 (nuclear receptor subfamily 1, group C, member 3) is a type II nuclear receptor (protein regulating genes) that in humans is encoded by the PPARG gene. This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described.

Reference

Anti-PPAR Gamma/PPARG Antibody被引用在2文献中。

Selected Validation Data

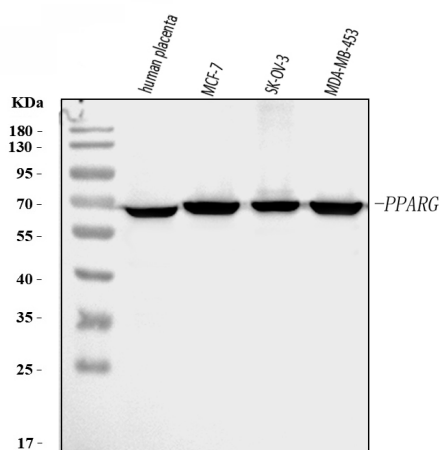


Figure 1. Western blot analysis of anti- PPARG Antibody (A00449-3).

The sample well of each lane was loaded with 50ug of sample under reducing conditions.

Lane 1: human placenta tissue lysates,

Lane 2: MCF-7 whole cell lysates,

Lane 3: SK-OV-3 whole cell lysates,

Lane 4: MDA-MB-453 whole cell lysates.

Use rabbit anti- PPARG 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an

Enhanced Chemiluminescent detection (ECL) kit (Catalog #

EK1002). A specific band was detected for PPARG at approximately

65KD. The expected band size for PPARG is at 58KD.