

PPAR γ antibody (rAb), 100 μ g

Catalog No: 91707

Clone: 230374A3

Application(s): WB

Reactivity: Human, Mouse, Rat

Quantity: 100 μ g

Purification: Protein A Chromatography

Host: Rabbit

Isotype: IgG

Molecular Weight: 58 kDa

Background: Peroxisome Proliferator-Activated Receptors (PPARs) are nuclear receptors involved in lipid transport and metabolism. As such, their roles in chronic diseases such as diabetes, obesity, atherosclerosis and cancer are heavily investigated. Transcriptional activity of PPARs is regulated by fatty acid binding. Three PPAR isotypes have been identified: α , δ and γ . **PPAR γ** stimulates lipolysis of circulating triglycerides and the subsequent uptake of fatty acids into adipose cells. PPARs bind to peroxisome proliferator response elements (PPREs) as heterodimers with the **retinoid X receptor (RXR)**.

Immunogen: This antibody was raised against the PPAR γ fusion protein.

Buffer: Purified IgG in PBS, pH 7.3, with 50% glycerol and 0.02% sodium azide. Sodium azide is highly toxic.

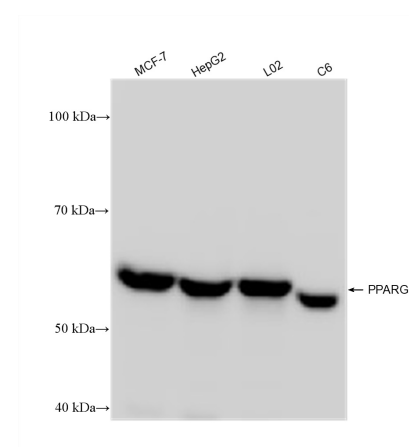
Application Notes:

Applications Validated by Active Motif:

WB: 1:5000-1:50000 dilution

Storage and Guarantee: Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage. This product is guaranteed for 12 months from date of receipt.

This product is for research use only and is not for use in diagnostic procedures.



PPAR γ antibody (rAb) tested by Western blot.

Detection of PPAR γ by Western blot analysis using various lysates and probed with PPAR γ antibody at 1:20000 dilution.