bs-4590R

[Primary Antibody]

PPAR Gamma Rabbit pAb

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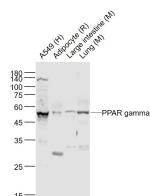sales@bioss.com.cn
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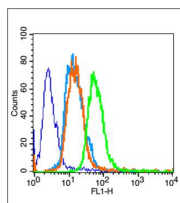400-901-9800

— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

GeneID: 5468

SWISS: P37231

Target: PPAR Gamma

Immunogen: KLH conjugated synthetic peptide derived from human PPAR Gamma: 315-420/475.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.

Background: 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. [provided by RefSeq, Jul 2008]

Applications: **WB** (1:500-2000)
Flow-Cyt (1μg/Test)
ICC/IF (1:100)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Chicken)

Predicted MW.: 57 kDa

Subcellular Location: Nucleus

— VALIDATION IMAGES —

Sample: Liver (Mouse) Lysate at 40 ug Heart (Mouse) Lysate at 40 ug Lung (Mouse) Lysate at 40 ug Primary: Anti- PPAR gamma (bs-4590R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 57 kD Observed band size: 51 kD

Blank control (blue line): U251 (fixed with 70% ethanol (Overnight at 4℃) and then permeabilized with 90% ice-cold methanol for 30 min on ice). Primary Antibody (green line): Rabbit Anti-PPAR Gamma antibody (bs-4590R),Dilution: 0.2μg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC,Dilution: 1μg /test.

— SELECTED CITATIONS —

- **[IF=8.315]** Shuo Geng. et al. Resolving monocytes generated through TRAM deletion attenuate atherosclerosis. Jci Insight. 2021 Sep;():149651 FCM ;mouse. 34499622

- **[IF=8.2]** Xiaoyu Yue. et al. Taraxacum mongolicum polysaccharides promotespromote white adipocyte browning by regulating miR-134-3p via Akt/GSK-3β signalling. INT J BIOL MACROMOL. 2023 Nov;:128296 WB ;Sheep. 38000580

- **[IF=7.7]** Fei Ding. et al. Adipocyte-secreted PRELP promotes adipocyte differentiation and adipose tissue fibrosis by binding with p75NTR to activate FAK/MAPK signaling. INT J BIOL MACROMOL. 2024 Sep;:135376 WB ;Mouse. 39244119

- **[IF=7.163]** Ningfei Ji. et al. SARS-CoV-2 in the pancreas and the impaired islet function in COVID-19 patients. 2022 Mar 28 IHC ;Human. 35343389
- **[IF=7.129]** Li Xu. et al. Fenpropathrin increases gliquidone absorption via causing damage to the integrity of intestinal barrier. ECOTOX ENVIRON SAFE. 2022 Sep;242:113882 WB ;Rat. 35841655

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