

Anti-PPAR γ Rabbit pAb

WL01800

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-PPAR γ Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:200
Cellular localization	Nucleus	
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

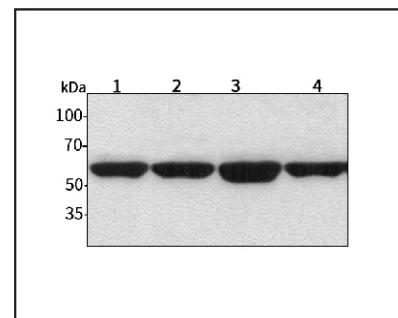
Background	Peroxisome proliferator-activated receptors (PPARs) are members of the nuclear hormone receptor subfamily of transcription factors. Three PPAR subtypes, designated PPAR α , PPAR β (also designated PPAR δ) and PPAR γ , have been described. PPARs form heterodimers with retinoid X receptors (RXRs). These heterodimers regulate transcription of genes involved in insulin action, adipocyte differentiation, lipid metabolism and inflammation. Peroxisome proliferator-activated receptor γ (PPAR γ) is preferentially expressed in adipocytes as well as in vascular smooth muscle cells and macrophage. Besides its role in mediating adipogenesis and lipid metabolism, PPAR γ also modulates insulin sensitivity, cell proliferation and inflammation.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PPAR γ .
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

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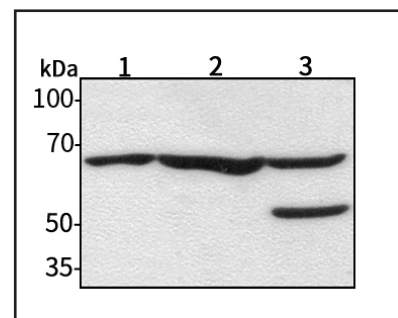
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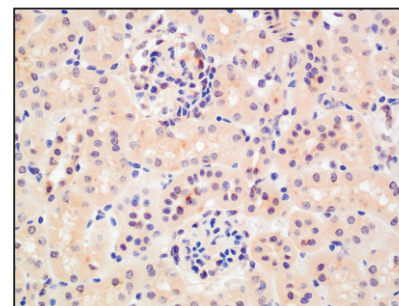
Product Images

Western blot-Anti-PPAR γ pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-PPAR γ at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 58 kDa
 Observed band size: 58 kDa

Western blot-Anti-PPAR γ pAb

Lane 1: Mouse heart tissue lysate
 Lane 2: Mouse liver tissue lysate
 Lane 3: Rat brain tissue lysate
 All lanes: Anti-PPAR γ at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 58 kDa
 Observed band size: 58 kDa

Immunohistochemistry-Anti-PPAR γ pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-PPAR γ Rabbit Antibody at 1:200 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0