

Anti-PPAR $\gamma$  Rabbit pAb

WL01800

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

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

## General Information

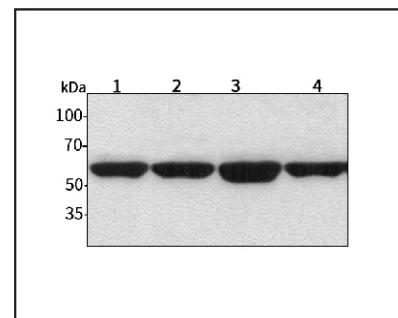
<b>Background</b>	Peroxisome proliferator-activated receptors (PPARs) are members of the nuclear hormone receptor subfamily of transcription factors. Three PPAR subtypes, designated PPAR $\alpha$ , PPAR $\beta$ (also designated PPAR $\delta$ ) and PPAR $\gamma$ , have been described. PPARs form heterodimers 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 $\gamma$ (PPAR $\gamma$ ) 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 $\gamma$ also modulates insulin sensitivity, cell proliferation and inflammation.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PPAR $\gamma$ .
<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.

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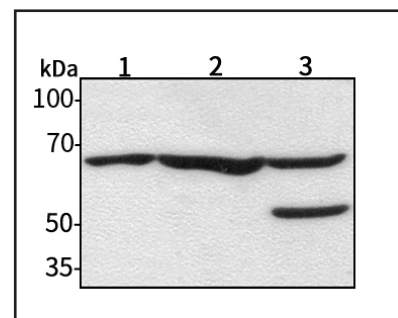
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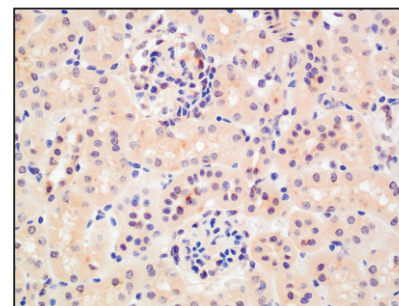
## Product Images

Western blot-Anti-PPAR $\gamma$  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 $\gamma$  at 1:1000 dilution  
 Lysates/proteins at 20-50  $\mu$ g per lane.  
 Predicted band size: 58 kDa  
 Observed band size: 58 kDa

Western blot-Anti-PPAR $\gamma$  pAb

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

Immunohistochemistry-Anti-PPAR $\gamma$  pAb

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