PPAR-gama polyclonal antibody

Catalog: BCP01358 Host: Rabbit Reactivity: Human,Rat,Mouse

BackGround:

Peroxisome proliferator-activated receptor γ (PPARγ) is a member of the ligand-activated nuclear receptor super-family and functions as a transcriptional activator. PPARγ is preferentially expressed in adipocytes as well as in vascular smooth muscle cells and macrophage. Besides its role in mediating adipogenesis and lipid metabolism, PPARγ also modulates insulin sensitivity, cell proliferation and inflammation. PPARγ transcriptional activity is inhibited by MAP kinase phosphorylation of PPARγ at Ser84.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P37231

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:2000

IF: 1:50~1:200

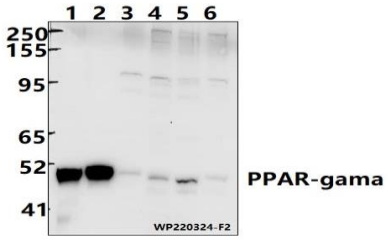
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

PPAR-gama polyclonal antibody detects endogenous levels of PPAR-gama protein.

DATA:



Western blot (WB) analysis of PPAR-gama polyclonal antibody at 1:1000 dilution

Lane1:The Liver tissue lysate of Mouse(30ug)

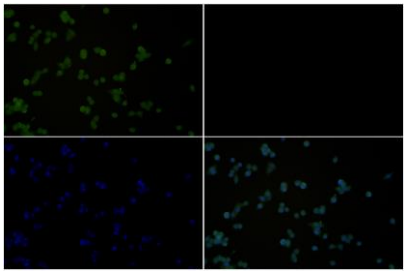
Lane2:The Kidney tissue lysate of Rat(30ug)

Lane3:THP-1 whole cell lysate(30ug)

Lane4:MCF-7 whole cell lysate(30ug)

Lane5:PC12 whole cell lysate(30ug)

Lane6:CT26 whole cell lysate(30ug)



Immunofluorescence analysis of MCF-7 cells using PPAR-gama antibody at dilution of 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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