

## PPAR-gama(Phospho-Ser276) polyclonal antibody

Catalog: AP0660

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Peroxisome proliferator-activated receptor  $\gamma$  (PPAR $\gamma$ ) is a member of the ligand-activated nuclear receptor super-family and functions as a transcriptional activator. 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. PPAR $\gamma$  transcriptional activity is inhibited by MAP kinase phosphorylation of PPAR $\gamma$  at Ser84.

### Product:

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

### Molecular Weight:

~ 67 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: 1:100~1:500

### Storage&Stability:

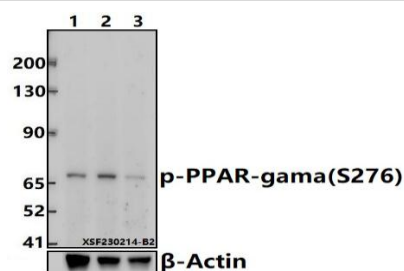
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

PPAR-gama(Phospho-Ser276) polyclonal antibody detects endogenous levels of PPAR-gama protein only when

phosphorylated at Ser276.

### DATA:

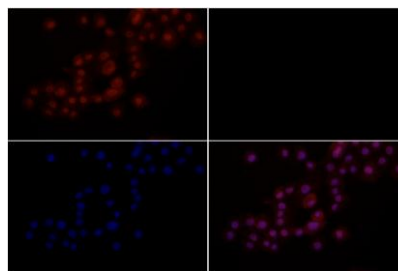


Western blot (WB) analysis of PPAR-gama(Phospho-Ser276) polyclonal antibody at 1:1000 dilution

Lane1:Hela whole cell lysate(30ug)

Lane2:Hela treated with LPS(200 ng/ml,15 minutes) whole cell lysate(30ug)

Lane3:PC12 whole cell lysate(30ug)



Immunofluorescence analysis of Hela cells using PPAR-gama(Phospho-Ser276) pAb at dilution of 1:200 (40x lens).

### Note:

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

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