

PPARG (Phospho-T166) polyclonal antibody

Catalog: BCP01357

Host: Rabbit

Reactivity: Human

BackGround:

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

Product:

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

Molecular Weight:

~ 60 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

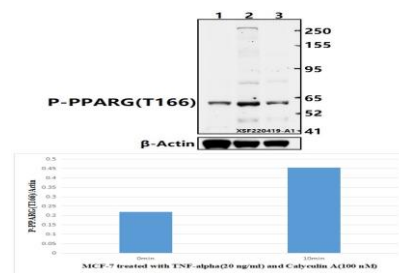
Storage&Stability:

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

Specificity:

PPARG (Phospho-T166) polyclonal antibody detects endogenous levels of PPARG protein only when phosphorylated at Thr166.

DATA:



Western blot (WB) analysis of PPARG (Phospho-T166) polyclonal antibody at 1:1000 dilution

Lane1:PC3 whole cell lysate(40ug)

Lane2:MCF-7 treated with TNF-alpha(20 ng/ml,10 minutes) and Calyculin A(100 nM,10 minutes) whole cell lysate(40ug)

Lane3:MCF-7 whole cell lysate(40ug)

Note:

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