PPARγ (Phospho-Ser112) polyclonal antibody

Catalog: AP0542 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:

~ 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: 1:500~1:1000

IP: 1:50~1:200

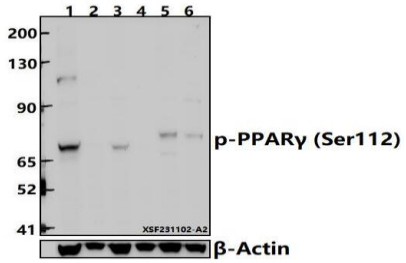
Storage&Stability:

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

Specificity:

PPARγ(Phospho-Ser112) polyclonal antibody detects endogenous levels of PPARγ protein only when phosphorylated at Ser112.

DATA:



Western blot (WB) analysis of PPARγ (Phospho-Ser112) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate(30ug)

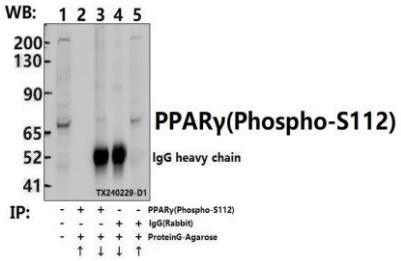
Lane2:MCF-7 treated with λ-phosphatase whole cell lysate(30ug)

Lane3:PC3 whole cell lysate(30ug)

Lane4:PC3 treated with λ-phosphatase whole cell lysate(30ug)

Lane5:CT-26 whole cell lysate(30ug)

Lane6:PMVEC whole cell lysate(30ug)



Immunoprecipitation of MCF-7 cell lysates using PPARγ (Phospho-Ser112) pAb (Sepharose Bead Conjugate)#BD0048 (lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane 4 and lane 5) .Lane 1 is 30% input. The western blot was probed using PPARγ (Phospho-Ser112) pAb.

Note:

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

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151