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Product datasheet for TA392503

PPAR gamma (PPARG) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000~1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide derived from human PPARG around the phosphorylation site of Threonine 166.
Specificity:	PPARG (Phospho-T166) polyclonal antibody detects endogenous levels of PPARG protein only when phosphorylated at Thr166.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 60 kDa
Gene Name:	peroxisome proliferator activated receptor gamma
Database Link:	Entrez Gene 5468 Human P37231
Background:	Peroxisome proliferator-activated receptor γ (PPARγ) is a member of the ligand-activated nuclear receptor superfamily 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.
Synonyms:	NR1C3; Nuclear receptor subfamily 1 group C member 3; Peroxisome proliferator-activated receptor gamma; PPARG; PPAR γ; PPARγ; Short name=PPAR-gamma

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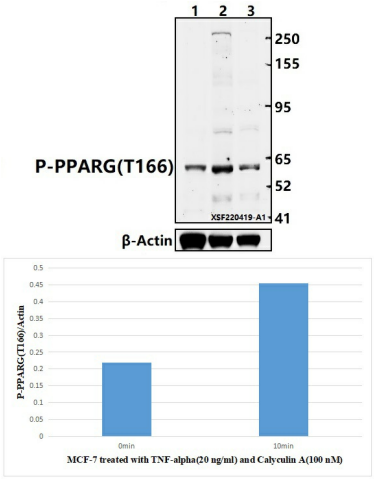
Note: For research use only, not for use in diagnostic procedure.

Product images:



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)