ELK Biotechnology

PPAR-γ (phospho Ser112) rabbit pAb

Cat No.:ES1428

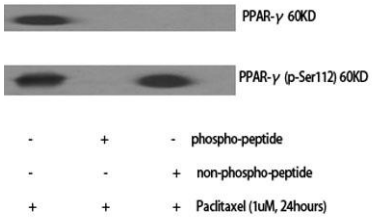
For research use only

Overview

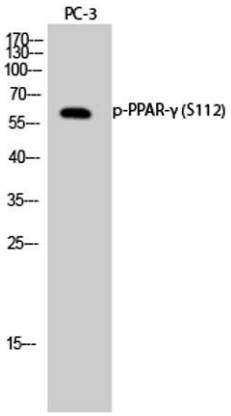
Product Name	PPAR-γ (phospho Ser112) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human PPAR-gamma around the phosphorylation site of Ser112. AA range:78-127
Specificity	Phospho-PPAR-γ (S112) Polyclonal Antibody detects endogenous levels of PPAR-γ protein only when phosphorylated at S112.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Peroxisome proliferator-activated receptor gamma
Gene Name	PPARG
Cellular localization	Nucleus. Cytoplasm. Redistributed from the nucleus to the cytosol through a MAP2K1/MEK1-dependent manner. NOCT enhances its nuclear translocation.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	60kD
Human Gene ID	5468
Human Swiss-Prot Number	P37231
Alternative Names	PPARG; NR1C3; Peroxisome proliferator-activated receptor gamma; PPAR-gamma; Nuclear receptor subfamily 1 group C member 3
Background	peroxisome proliferator activated receptor gamma(PPARG) Homo sapiens This gene

encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described. [provided by RefSeq, Jul 2008],

Western Blot analysis of various cells using Phospho-PPAR-γ (S112) Polyclonal Antibody diluted at 1:500



Western Blot analysis of PC-3 cells using Phospho-PPAR-γ (S112) Polyclonal Antibody diluted at 1:500



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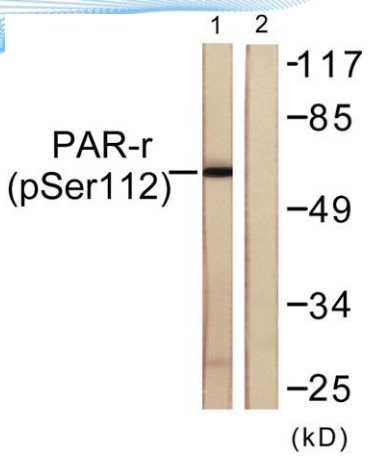

Western blot analysis of lysates from Jurkat cells treated with Paclitaxel 1uM 24h, using PPAR-gamma (Phospho-Ser112) Antibody. The lane on the right is blocked with the phospho peptide.

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