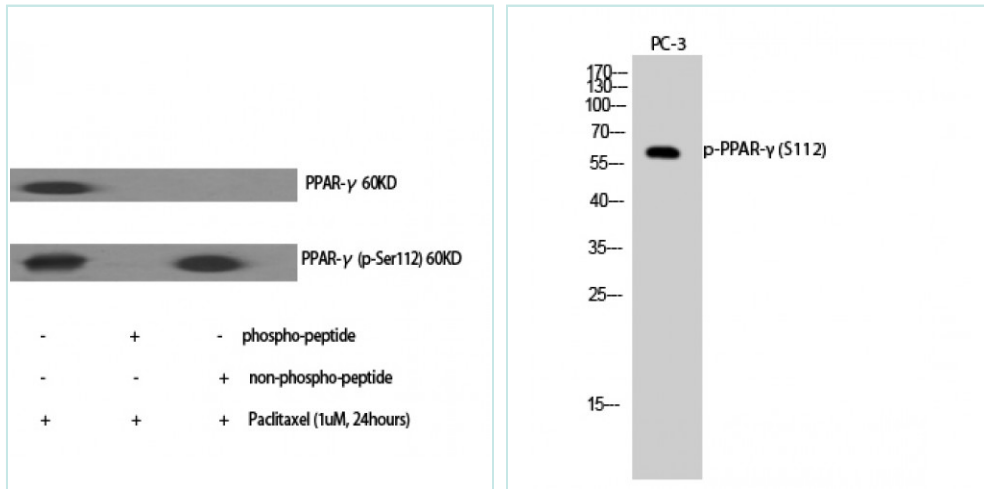


Anti-Phospho-PPAR- γ (S112) antibody



Product Description

Rabbit Polyclonal to Phospho-PPAR- γ (S112).

Product Information

Code:	NB-22-0476
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB, ELISA
Immunogen	Synthesized peptide derived from human PPAR- γ around the phosphorylation site of S112.
Immunogen Region	50-130aa
Gene ID	5468 (Human); 19016 (Mouse); 25664 (Rat)
Dilution range	WB 1:500-1:2000; ELISA 1:10000;
Specificity	Phospho-PPAR- γ (S112) Polyclonal Antibody detects endogenous levels of PPAR- γ protein only when phosphorylated at S112.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For research use only.
Protein Name	Peroxisome proliferator-activated receptor gamma
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Molecular Weight	60 kDa
Concentration	1 mg/ml
Storage Instruction	Store at -20°C. Avoid repeated freeze/thaw cycles.

Database Links

Human UniProt/Swiss-Prot:
Mouse UniPort/Swiss-Prot:
Rat UniProt/Swiss-Port:
Human Entrez Gene:
468;
Mouse Entrez Gene:
Rat Entrez Gene:
3">Rn.23443
SEE MORE

PPARG / peroxisome proliferator activated receptor gamma / A306_15428 antibody, ARF6 antibody, AS27_00391 antibody, AS28_07524 antibody, CB1_000465008 antibody, CIMT1 antibody, D623_10028298 antibody, GLM1 antibody, GW7_10967 antibody, H920_00808 antibody, humpparg antibody, hypothetical protein antibody, M959_11317 antibody, MDA_GLEAN10023750 antibody, N300_10961 antibody, N301_14218 antibody, N302_07204 antibody, N303_00459 antibody, N305_01576 antibody, N306_08251 antibody, N307_05499 antibody, N308_01929 antibody, N309_03266 antibody, N310_05977 antibody, N311_08303 antibody, N312_08069 antibody, N320_05829 antibody, N321_13692 antibody, N322_10093 antibody, N324_01128 antibody, N325_07740 antibody, N326_03394 antibody, N327_00912 antibody, N328_10982 antibody, N329_09628 antibody, N330_04643 antibody, N331_07840 antibody, N332_01894 antibody, N333_04573 antibody, N334_12101 antibody, N335_05501 antibody, N336_05512 antibody, N339_12818 antibody, N340_05995 antibody, N341_10786 antibody, Nr1c3 antibody, nuclear receptor subfamily 1 group C member 3 antibody, PAL_GLEAN10022304 antibody, PANDA_010204 antibody, peroxisome proliferative activated receptor gamma antibody, peroxisome proliferative activated receptor, gamma antibody, peroxisome proliferator-activated nuclear receptor gamma variant 1 antibody, peroxisome proliferator-activated receptor gamma antibody, peroxisome proliferator-activated receptor-gamma antibody, peroxisome-proliferator activated receptor gamma antibody, peroxisome proliferator activated receptor gamma-1 antibody, peroxisome proliferator-activated receptor gamma 1 antibody, peroxisome proliferator activated receptor gamma 1a antibody, peroxisome proliferator-activated receptor gamma 1-a antibody, peroxisome proliferator activated receptor gamma 1b antibody, peroxisome proliferator-activated receptor gamma 1-b antibody, peroxisome proliferator activated receptor gamma 1 protein antibody, peroxisome proliferator activated receptor gamma 2 antibody, peroxisome proliferator-activated receptor gamma 2 antibody, peroxisome proliferator-activated receptor gamma 3 antibody, peroxisome proliferator activated receptor gamma 4 antibody, peroxisome proliferator-activated receptor gamma 4 antibody, peroxisome proliferator-activated receptor gamma 5 antibody, peroxisome proliferator-activated receptor gamma 6 antibody, peroxisome proliferator-activated receptor gamma 7 antibody, peroxisome proliferator activatived receptor gamma antibody, peroxisome proliferator activator receptor gamma antibody, peroxisome proliferator activator receptor, gamma antibody, peroxisome proliferators-activated receptor gamma antibody, PPAR[g] antibody, PPARG1 antibody, PPARG1a antibody, PPARG1b antibody, PPARg2 antibody, PPARgamma antibody, PPAR gamma antibody, PPAR-GAMMA antibody, PPARgamma1 antibody, PPAR gamma 1 antibody, PPARgamma2 antibody, PPAR gamma 2 antibody, PPAR-gamma2 antibody, PPARgamma3 antibody, PPAR gamma 3 antibody, PPARgamma4 antibody, PPARgamma5 antibody, PPARgamma6 antibody, PPARgamma7 antibody, PPARgamma variant 1 antibody, PPARgamma variant 2 antibody, putative peroxisome proliferator-activated receptor gamma antibody, TREES_T100019841 antibody, UY3_03904 antibody, xPPAR gamma antibody, xPPAR-gamma antibody, Y1Q_024783 antibody, Y956_05361 antibody, Z169_12609 antibody

SEE MORE

Alternative names

Function

Nuclear receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the nuclear receptor binds to DNA specific PPAR response elements (PPRE) and modulates the transcription of its target genes, such as acyl-CoA oxidase. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis. ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer. Acts as a critical regulator of gut homeostasis by suppressing NF-kappa-B-mediated proinflammatory responses. Plays a role in the regulation of cardiovascular circadian rhythms by regulating the transcription of ARNTL/BMAL1 in the blood vessels (By similarity). / PDPK1 activates its transcriptional activity independently of its kinase activity. SEE MORE

Tissue Specificity

Highest expression in adipose tissue. Lower in skeletal muscle, spleen, heart and liver. Also detectable in placenta, lung and ovary.

Sequence and Domain Family

Belongs to the nuclear hormone receptor family. NR1 subfamily. / Contains 1 nuclear receptor DNA-binding domain.

Post-translational Modifications	O-GlcNAcylation at Thr-84 reduces transcriptional activity in adipocytes. / Phosphorylated in basal conditions and dephosphorylated when treated with the ligand. May be dephosphorylated by PPP5C. The phosphorylated form may be inactive and dephosphorylation at Ser-112 induces adipogenic activity (By similarity).
Cellular Localization	Nucleus / Cytoplasm
