

Rabbit PPAR gamma Polyclonal Antibody | anti-PPARG antibody

Phospho-PPAR gamma (Ser112) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321607	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PPAR gamma; Polyclonal Antibody; Phospho-PPAR gamma (Ser112) Antibody; CMT1; GLM1; NR1C3; Nuclear receptor subfamily 1 group C member 3; OTTHUMP00000185032; OTTHUMP00000185036; Peroxisome proliferator activated nuclear receptor gamma variant 1; Peroxisome proliferator activated receptor gamma 1; Peroxisome Proliferator Activated Receptor gamma; Peroxisome proliferator-activated receptor gamma; PPAR-gamma; PPARG; PPARG_HUMAN; PPARG1; PPARG2; PPARGgamma; anti-PPARG antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-PPAR gamma (Ser112) Antibody detects endogenous levels of PPAR gamma only when phosphorylated at Serine 112.
Purity/Purification	Peptide affinity purification
Form/Format	PBS, pH 7.4, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PPARG antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PPAR- gamma around the phosphorylation site of Ser112.

IMAGES



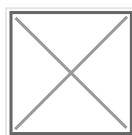
IHC (Immunohistochemistry)

AAA321607 at 1/100 staining Human lung cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

AAA321607 staining HepG2 cells (30min of 4uM Forskolin treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AAA321607) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG (H+L) Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG (H+L) Ab (Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of Phospho-PPAR gamma (Ser112) expression in various lysates

ADDITIONAL INFORMATION

Related Product Information for anti-PPARG antibody	The protein encoded by this gene is 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116284368
NCBI GeneID	5468
NCBI Accession #	NP_005028.4
NCBI GenBank Nucleotide #	NM_005037.5
UniProt Accession #	P37231; O00684; O00710; O14515; Q0QJH8; Q15178; Q15179; Q15180; Q15832; Q86U60; A8K3G6; B5BUA1
Molecular Weight	57kDa
NCBI Official Full Name	peroxisome proliferator-activated receptor gamma isoform 1
NCBI Official Synonym Full Names	peroxisome proliferator activated receptor gamma
NCBI Official Symbol	PPARG
NCBI Official Synonym Symbols	GLM1; CIMT1; NR1C3; PPARG1; PPARG2; PPARGgamma
NCBI Protein Information	peroxisome proliferator-activated receptor gamma
UniProt Protein Name	Peroxisome proliferator-activated receptor gamma
UniProt Gene Name	PPARG
UniProt Synonym Gene Names	NR1C3; PPAR-gamma

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.