

Product datasheet for **TA347020**

PPAR gamma (PPARG) Mouse Monoclonal Antibody [Clone ID: 1G7-G4-G12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1G7-G4-G12
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for PPARG antibody: purified recombinant human PPAR gamma (C-terminus) protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	54 kDa
Gene Name:	peroxisome proliferator activated receptor gamma
Database Link:	NP_619725 Entrez Gene 19016 Mouse P37231



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Background:

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.

Synonyms:

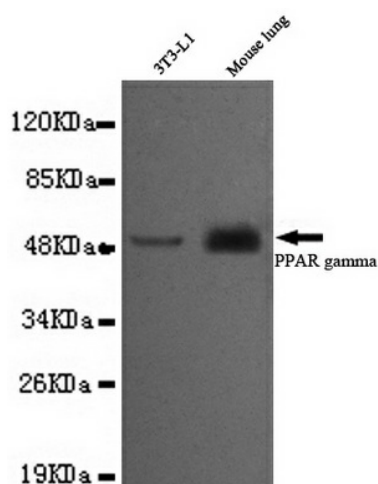
CIMT1; GLM1; NR1C3; PPARG1; PPARG2; PPARgamma

Protein Families:

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways:

Huntington's disease, Pathways in cancer, PPAR signaling pathway, Thyroid cancer

Product images:

Western blot detection of PPAR gamma (C-terminus) in 3T3-L1 and Mouse Lung cell lysates using PPAR gamma (C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 54KDa. Observed band size: 54KD.