

## Product datasheet for **TA319220**

### PPAR gamma (PPARG) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:4,000 - 1:40,000, WB: 1:1,000 - 1:3,000
Reactivity:	Human, Macaque
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to a region near the amino terminus of human PPAR gamma 2.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	peroxisome proliferator activated receptor gamma
Database Link:	<a href="#">NP_005028</a> <a href="#">Entrez Gene 5468 Human</a> <a href="#">P37231</a>
Synonyms:	CIMT1; GLM1; NR1C3; PPARG1; PPARG2; PPARgamma



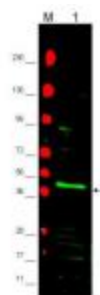
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**Note:** Since their discovery in the early 1990's, the peroxisome proliferator activated receptors (PPARs) have attracted significant attention. This is primarily because PPARs serve as receptors for two very important classes of drugs: the hypolipidemic fibrates and the insulin sensitizing thiazolidinediones. Peroxisome proliferators are non-genotoxic carcinogens that are purported to exert their effect on cells through their interaction with members of the nuclear hormone receptor family termed PPARs. Nuclear hormone receptors are ligand-dependent intracellular proteins that stimulate transcription of specific genes by binding to specific DNA sequences following activation by the appropriate ligand. Upon binding fatty acids or hypolipidemic drugs

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

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

### Product images:



WB using Anti-PPAR2 antibody shows detection of PPAR2 protein in a mouse 3T3 whole cell lysate (lane 1 arrowhead). Approximately 20 ug of lysate was loaded onto a 4-20% gradient gel followed by transfer to nitrocellulose. Primary antibody was used at a 1:2,000 dilution. The membrane was washed and reacted with a 1:10,000 dilution of IRDye™800 Conjugated Goat-anti-Rabbit IgG [H&L] MX10. Molecular weight estimation was made by comparison to prestained MW markers indicated at the left (lane M).