

Product datasheet for **AP05657PU-N**

PPAR gamma (PPARG) (Isoform 1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1:8000 - 1:32000.
Reactivity:	Canine, Guinea Pig, Hamster, Human, Mink, Monkey, Mouse, Rabbit, Rat, Duck
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to amino acids 255 - 268 of human PPAR gamma isoform 1.
Specificity:	This antibody detects human peroxisome proliferator-activated receptor gamma (PPARG).
Formulation:	Phosphate buffered saline pH7.2 containing 0.01% Sodium Azide (NaN ₃) State: Purified State: Liquid purified IgG
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	peroxisome proliferator activated receptor gamma
Database Link:	Entrez Gene 5468 Human P37231



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Background:

PPARG is a member of the nuclear hormone receptor subfamily of transcription factors. Upon activation, PPARG forms heterodimers with retinoid X receptors (RXRs), and functions to regulate transcription of specific gene sequences. PPARG is principally involved in the cellular assimilation of lipids, with key roles in adipocyte differentiation and adipogenesis. Two alternatively spliced isoforms of PPARG exist, termed PPARG1 and PPARG2, which are identical except for an additional 30 amino acids at the N-terminus of PPARG2. This results in a predominant adipocyte localisation for PPARG2, whilst PPARG1 is ubiquitously expressed. PPARG has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer.

Synonyms:

PPARG, NR1C3