

## Product datasheet for **AM20438SU-N**

### PPAR gamma (PPARG) (170-270) Mouse Monoclonal Antibody [Clone ID: 3A4A9, 1E6A1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	3A4A9, 1E6A1
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/200 - 1/400. <b>Western Blot:</b> 1/500 - 1/2000.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of PPARG (aa170-270) expressed in E. Coli.
Specificity:	Recognizes Peroxisome Proliferator-Activated Receptor Gamma (PPARG).
Formulation:	State: Ascites State: Ascites fluid containing 0.03% Sodium Azide as preservative
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:	<a href="#">Entrez Gene 5468 Human P37231</a>



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**Background:**

Peroxisome proliferator-activated receptor gamma (PPARG). 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:**

PPARG, NR1C3

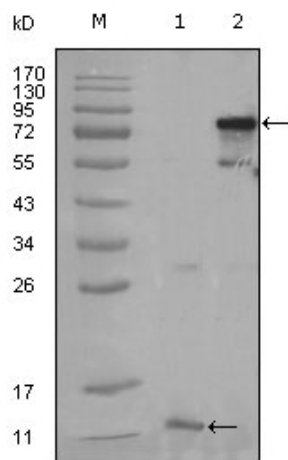
**Protein Families:**

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

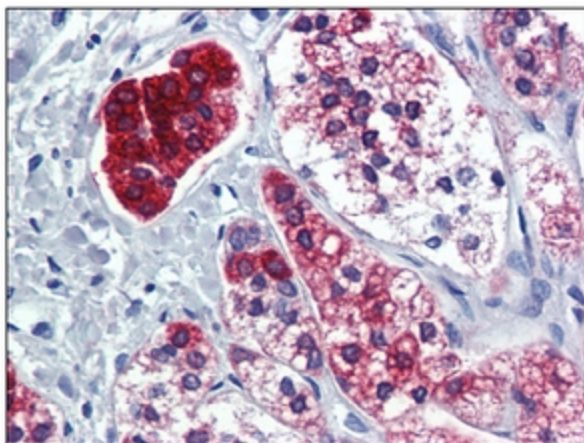
**Protein Pathways:**

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

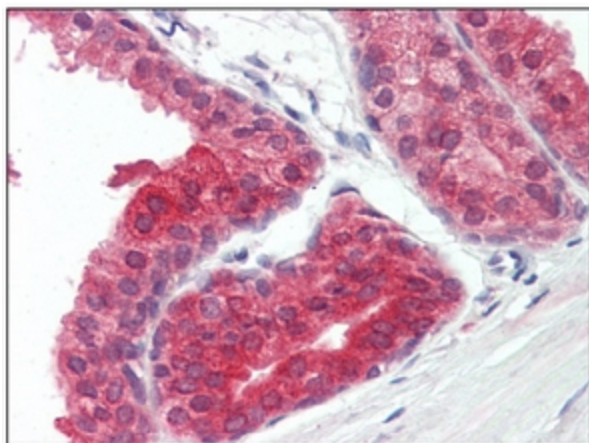
**Product images:**



Western blot analysis using PPARG antibody Cat.-No [AM20438PU-N] against truncated PPARG-His recombinant protein (Lane 1) and full-length PPARG (aa1-477) transfected CHO-K1 cell lysate (Lane 2).



Formalin-Fixed, Paraffin-Embedded Human Adrenal stained with PPARG antibody Cat.-No [AM20438PU-N] at 1/200 dilution after heat-induced antigen retrieval.



Formalin-Fixed, Paraffin-Embedded Human Prostate stained with PPARG antibody Cat.-No [AM20438PU-N] at 1/200 dilution after heat-induced antigen retrieval.