BioVision
BioVision Incorporated

01/19

Anti-PPAR gamma Antibody

CATALOG NO.:	A1712-30T (Trial size)	30 µg.
	A1712	100 µg.

BACKGROUND DESCRIPTION: The peroxisome proliferator activated receptor (PPAR) family of ligand activated transcription factors consists of three subtypes encoded by separate genes: PPARα, PPARδ and PPARγ. Of these, PPARγ plays an important role in the regulation of fatty acid storage and glucose metabolism. The genes activated by PPARγ stimulate lipid uptake and adipogenesis by fat cells. Many naturally occurring molecules such as, polyunsaturated fatty acids like arachidonic acid and arachidonic acid metabolites, are known to bind and activate PPARγ. The binding of activating ligands to the ligand binding domain (LBD) of PPARγ promotes its heterodimerization with retinoic acid-like receptor (RXR), which results in the regulated expression of target genes involved in lipid metabolism.

ALTERNATE NAMES: PPAR-gamma, Peroxisome Proliferator-activated Receptor γ Ligand Binding Domain, PPAR-gamma (LBD), NR1C3, PPARG (LBD).

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.5 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Human recombinant PPAR gamma (Cat. No. 7878). (Internal Id. Q49)
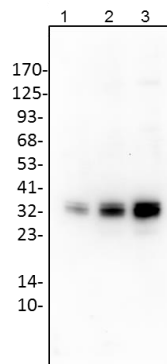
PURIFICATION: Affinity purified.

FORM: Liquid.

FORMULATION: In PBS pH7.2 with 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin

SPECIES REACTIVITY: Human

STORAGE CONDITIONS: Store at -20°C; For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

APPLICATIONS AND USAGE: Western blot: 1-4 µg.

Western blot analysis of human PPAR gamma antibody using human recombinant PPAR gamma (1) 2 ng. (2) 10 ng. (3) 50 ng.

RELATED PRODUCTS:

PPARγ (LBD) Human Recombinant (His-tagged) (7878).
PPARG, Human Recombinant (P1120).
PPAR gamma Antibody (3809).

FOR RESEARCH USE ONLY! Not to be used on humans

Gentaur Europe BVBA Voortstraat 49, 1910 Kampenhout BELGIUM
Tel 0032 16 58 90 45 info@gentaur.com

155 S. Milpitas Blvd., Milpitas, CA 95035 USA | T: (408)493-1800 F: (408)493-1801 | www.biovision.com | tech@biovision.com