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Anti-PPAR gamma Rabbit Monoclonal Antibody

Catalog # ABO14048

Specification

Anti-PPAR gamma Rabbit Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	P37231
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Human**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-PPAR gamma Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-PPAR gamma Rabbit Monoclonal Antibody - Additional Information

Gene ID 5468

Other Names
Peroxisome proliferator-activated receptor gamma, PPAR-gamma, Nuclear receptor subfamily 1 group C member 3, PPARG, NR1C3

Calculated MW
57620 MW KDa

Application Details
WB 1:500-1:2000

Subcellular Localization
Nucleus. Cytoplasm. Redistributed from the nucleus to the cytosol through a MAP2K1/MEK1-dependent manner. CCRN4L/NOC enhances its nuclear translocation.

Tissue Specificity
Highest expression in adipose tissue. Lower in skeletal muscle, spleen, heart and liver. Also detectable in placenta, lung and ovary..

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human PPAR gamma

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term**

storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-PPAR gamma Rabbit Monoclonal Antibody - Protein Information

Name PPARG

Synonyms NR1C3

Function
Nuclear receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the nuclear receptor binds to DNA specific PPAR response elements (PPRE) and modulates the transcription of its target genes, such as acyl-CoA oxidase. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis. ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer. Acts as a critical regulator of gut homeostasis by suppressing NF-kappa-B-mediated pro-inflammatory responses. Plays a role in the regulation of cardiovascular circadian rhythms by regulating the transcription of BMAL1 in the blood vessels (By similarity).

Cellular Location
Nucleus. Cytoplasm. Note=Redistributed from the nucleus to the cytosol through a MAP2K1/MEK1-dependent manner. NOCT enhances its nuclear translocation

Tissue Location
Highest expression in adipose tissue. Lower in skeletal muscle, spleen, heart and liver. Also detectable in placenta, lung and ovary.

Anti-PPAR gamma Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-PPAR gamma Rabbit Monoclonal Antibody - Images

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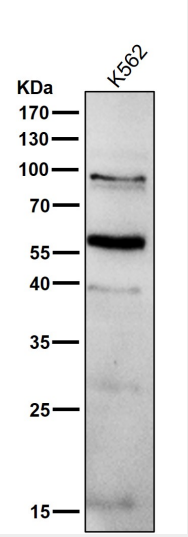
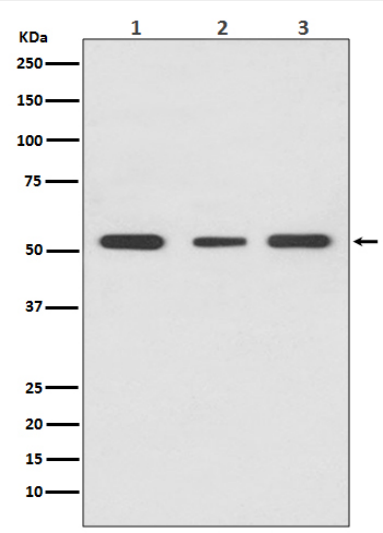


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of PPAR gamma expression in (1) HeLa cell lysate; (2) PC-3 cell lysate; (3) THP-1 cell lysate.