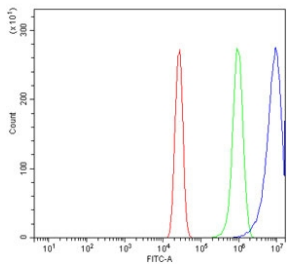
PPARG Antibody / PPAR gamma (RQ6963)

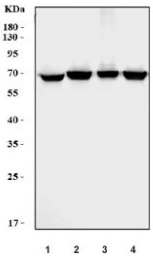
Catalog No.	Formulation	Size
RQ6963	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

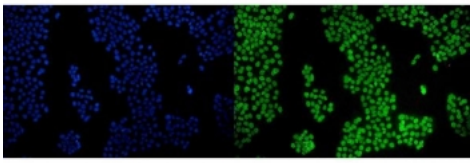
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P37231
Applications	Western Blot : 0.5-1 ug/ml Flow Cytometry : 1-3ug/million cells Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This PPARG antibody is available for research use only.



Flow cytometry testing of human A431 cells with PPARG antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PPARG antibody.



Western blot testing of human 1) placenta, 2) MCF7, 3) SK-O-V3 and 4) MDA-MB-453 cell lysate with PPARG antibody. Predicted molecular weight: 54-57 kDa, observed here at ~67 kDa.



Immunofluorescent staining of FFPE human A431 cells with PPARG antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.

Description

Peroxisome proliferator- activated receptor gamma (PPAR-gamma or PPARG), also known as the glitazone reverse insulin resistance receptor, or NR1C3 (nuclear receptor subfamily 1, group C, member 3) is a type II nuclear receptor (protein regulating genes) that in humans is encoded by the PPARG gene. 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.

Application Notes

Optimal dilution of the PPARG antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids H58-K329) was used as the immunogen for the PPARG antibody.

Storage

After reconstitution, the PPARG antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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