Product Datasheet

PPARG Antibody

Catalog No: #32055

Package Size: #32055-1 50ul #32055-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

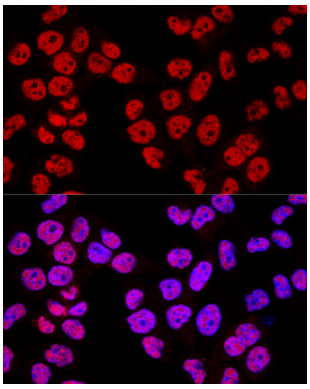
Description

Product Name	PPARG Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PPARG protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human PPARG .
Target Name	PPARG
Other Names	PPARG; PPARgamma; CIMT1; PPARG2; PPARG1
Accession No.	Swiss-Prot:P37231NCBI Gene ID:5468
Uniprot	P37231
GeneID	5468;
SDS-PAGE MW	58KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

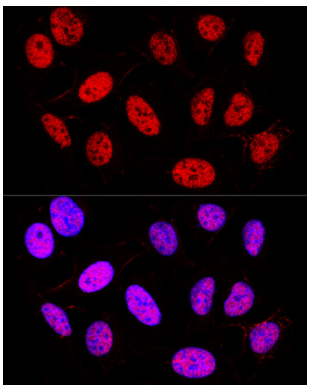
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

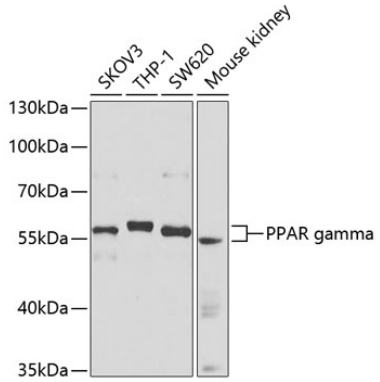
Images



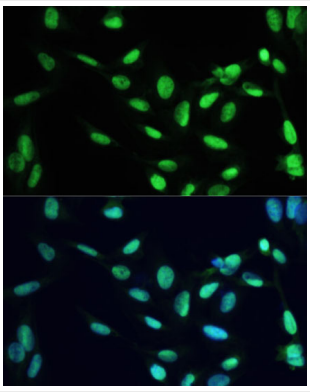
Confocal immunofluorescence analysis of HeLa cells using PPAR gamma Polyclonal at dilution of 1:200. Blue: DAPI for nuclear staining.



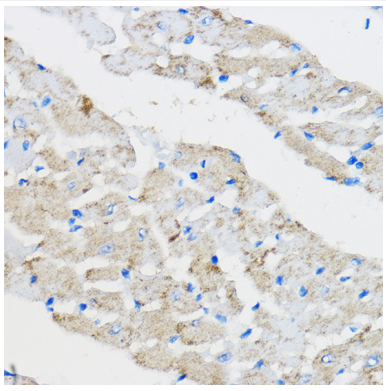
Confocal immunofluorescence analysis of U-2 OS cells using PPAR gamma Polyclonal at dilution of 1:200. Blue: DAPI for nuclear staining.



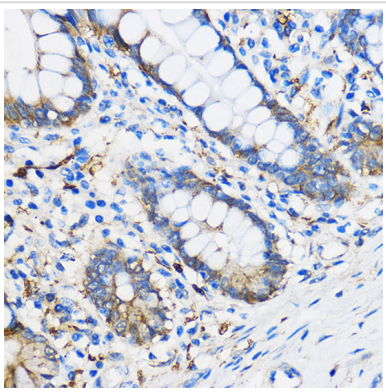
Western blot analysis of extracts of various cell lines, using PPAR gamma at 1:1000 dilution.



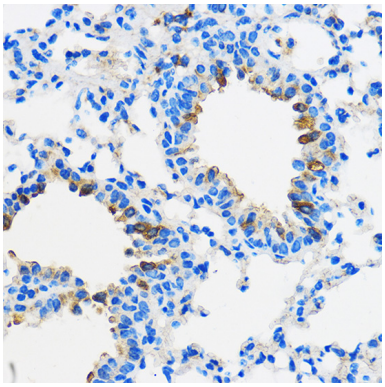
Immunofluorescence analysis of U2OS cells using PPAR gamma at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded Rat heart using PPAR at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human colon using PPAR at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse lung using PPAR at dilution of 1:100 (40x lens).

Background

Peroxisome proliferator-activated receptor γ (PPARγ) is a member of the ligand-activated nuclear receptor superfamily and functions as a transcriptional activator (1). PPARγ is preferentially expressed in adipocytes as well as in vascular smooth muscle cells and macrophage (2). Besides its role in mediating adipogenesis and lipid metabolism (2), PPARγ also modulates insulin sensitivity, cell proliferation and inflammation (3). PPARγ transcriptional activity is inhibited by MAP kinase phosphorylation of PPARγ at Ser84 (4,5).

Note: This product is for in vitro research use only