

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PPAR Gamma



Numéro de catalogue: 22061-1-AP

Phare

9 Publications

Informations de base

Numéro de catalogue:
22061-1-AP

Taille:
150ul, Concentration: 500 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG17136

Numéro d'acquisition GenBank:
BC006811

Identification du gène (NCBI):
5468

Nom complet:
peroxisome proliferator-activated receptor gamma

MW calculé
505 aa, 58 kDa

MW observés:
66-70 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:6000
IHC 1:500-1:2000

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HEK-293, cellules 3T3-L1, cellules HL-60, cellules MCF-7, tissu cardiaque de souris, tissu cardiaque humain, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain, tissu hépatique de rat, tissu hépatique de souris, tissu ovarien de souris, tissu testiculaire de souris

IHC : tissu de cancer de la prostate humain, tissu de cancer du côlon humain, tissu de côlon de rat, tissu placentaire humain

Informations générales

Peroxisome Proliferator-Activated Receptors (PPARs) are ligand-activated intracellular transcription factors, members of the nuclear hormone receptor superfamily (NR), that includes estrogen, thyroid hormone receptors, retinoic acid, Vitamin D3 as well as retinoid X receptors (RXRs). The PPAR subfamily consists of three subtypes encoded by distinct genes denoted PPAR α (NR1C1), PPAR β/δ (NR1C2) and PPAR γ (NR1C3), which are activated by selective ligands. PPAR γ , also named as PPARG, contains one nuclear receptor DNA-binding domain and is a receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. It plays an important role in the regulation of lipid homeostasis, adipogenesis, INS resistance, and development of various organs. Defects in PPARG are the cause of familial partial lipodystrophy type 3 (FPLD3) and may be associated with susceptibility to obesity. Defects in PPARG can lead to type 2 INS-resistant diabetes and hypertension. PPARG mutations may be associated with colon cancer. Genetic variations in PPARG are associated with susceptibility to glioma type 1 (GLM1). PPARG has two isoforms with molecular weight 57 kDa and 54 kDa (PMID: 9831621), but modified PPARG is about 67 kDa (PMID: 16809887). PPARG2 is a splice variant and has an additional 30 amino acids at the N-terminus (PMID: 15689403). Experimental data indicate that a 45 kDa protein displaying three different sequences immunologically related to the nuclear receptor PPARG2 is located in mitochondria (mt-PPAR). However, the molecular weight of this protein is clearly less when compared to that of PPARG2 (57 kDa). (PMID: 10922459). PPARG has been reported to be localized mainly (but not always) in the nucleus. PPARG can also be detected in the cytoplasm and was reported to possess extra-nuclear/non-genomic actions (PMID: 17611413; 19432669; 14681322).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yan Li	30208760	Autophagy	WB
Tae Woo Kim	33051435	Cell Death Dis	WB
Xinrui Xing	29881350	Front Pharmacol	

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

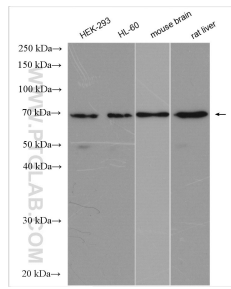
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

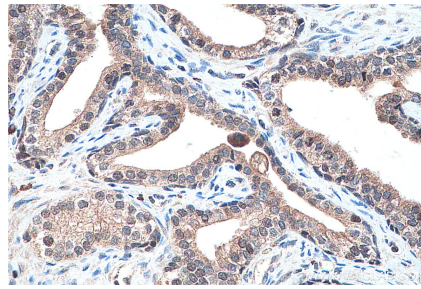
For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 22061-1-AP (PPAR Gamma antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 22061-1-AP (PPAR Gamma antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).