

MG753545

PPARA (PPAR alpha) monoclonal antibody



- 50ul
- 100 uL

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Description:

Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined. [provided by RefSeq]

UniProt : Q07869

Alternative Names:

peroxisome proliferator activated receptor alpha,PPARA,hPPAR; NR1C1; PPAR; PPARalpha

Mol Weight() : 52 kDa

Isotype : Mouse IgG

Clonality : Mouse monoclonal

Source : Mouse

Reactivity : Human, Mouse, Rat

Purification:

Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)

Storage Condition and Buffer:

PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Immunogen:

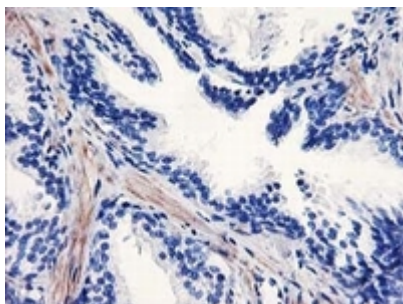
Human recombinant protein fragment corresponding to amino acids 145-420 of human PPARA(NP_005027) produced in E.coli.

Content : 1 mg/ml

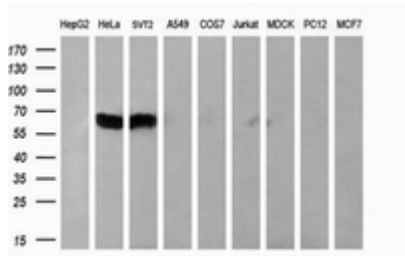
Application : IF, IHC, WB

Dilution : WB 1:500, IHC 1:150, IF 1:100

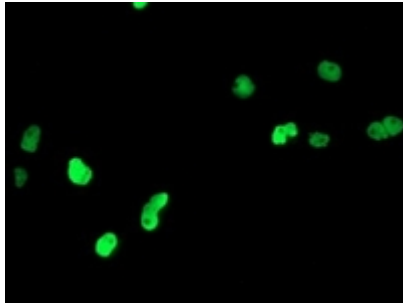
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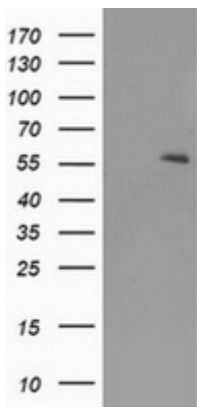
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-PPARA mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min)



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PPARA monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).



Anti-PPARA mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PPARA .



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PPARA (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PPARA.