

Anti-PPAR alpha Antibody

EM1707-71



Product Type:	Mouse monoclonal IgG1, primary antibodies
Species reactivity:	Human, Monkey
Applications:	FC
Molecular Wt:	52 kDa

Description: Peroxisome proliferator-activated receptors (PPARs) are nuclear hormone receptors that can be activated by a variety of compounds including fibrates, thiazolidinediones, prostaglandins and fatty acids. Three PPAR subtypes, designated PPAR α , PPAR β (also designated PPAR δ) and PPAR γ , have been described. PPARs promote transcription by forming heterodimers with members of the retinoid X receptor (RXR) family of steroid receptors and binding to specific DNA motifs termed PPAR-response elements (PPREs). PPAR α is abundant in primary hepatocytes where it regulates the expression of proteins involved in fatty acid metabolism. Interestingly, both the orphan nuclear hormone receptor LXRA and thyroid receptor (TR) have been shown to act as antagonists of PPAR α /RXR α binding to PPREs.

Immunogen: Purified recombinant fragment of human PPARA aa 1-120.

Positive control: Human PPARA recombinant protein, PPARA-hlgGfc transfected HEK293 cell lysate, HepG2, HEK293, COS7, HepG2, Jurkat.

Subcellular location: Nucleus.

Database links: SwissProt: Q07869 Human

Recommended Dilutions:
FC 1:100-1:200

Storage Buffer: Purified antibody in PBS with 0.05% sodium azide.

Storage Instruction: 4°C; -20°C for long term storage.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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No Images

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

Background References

1. Randriamboavonjy JI et al. Cardiac Protective Effects of Moringa oleifera Seeds in Spontaneous Hypertensive Rats. *Am J Hypertens* 29:873-81 (2016).
2. Li XH et al. Neuroprotective effects of sodium hydrosulfide against α -amyloid-induced neurotoxicity. *Int J Mol Med* 38:1152-60 (2016).

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