

PPAR alpha Polyclonal Antibody

Catalog No: #30432

Package Size: #30432-1 50ul #30432-2 100ul

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

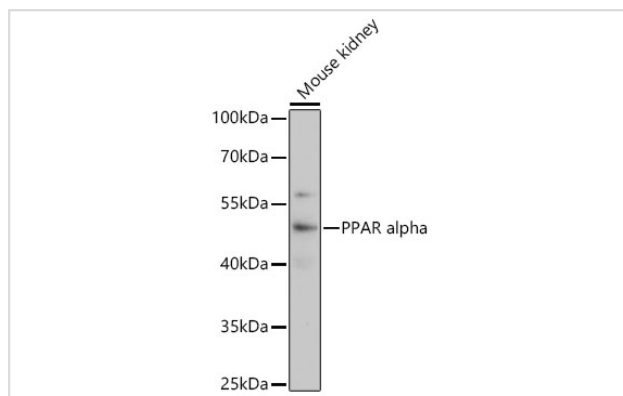
Description

Product Name	PPAR alpha Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Mouse
Immunogen Description	A synthetic peptide of human PPAR alpha
Conjugates	Unconjugated
Other Names	PPARA; NR1C1; PPAR; PPARalpha; hPPAR; peroxisome proliferator-activated receptor alpha
Accession No.	Swiss-Prot#:Q07869NCBI Gene ID:5465
Calculated MW	52kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:1000

Images



Western blot analysis of extracts of Mouse kidney, using PPAR alpha at 1:1000 dilution.

Background

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.

Published Papers

Linlin He;Linlin He;Lan Zhang;Lan Zhang;Fanyi Meng;Fanyi Meng;Jingge Wei;Jingge Wei;Fei Chen;Fei Chen;Siqi Qin;Siqi Qin;Ge Jin;Ge Jin;Hailong Cao;Hailong Cao et al., Dietary emulsifier Polysorbate 80-induced lipotoxicity promotes intestinal senescence, , (2025)

PMID:

Note: This product is for in vitro research use only and is not intended for use in humans or animals.