

PPAR alpha Polyclonal Antibody

Product Details

Size	100 µg
Species Reactivity	Bovine, Human, Mouse, Sheep, Pig, Rat
Published Species	Mouse
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide surrounding amino acid 25 of human PPARα.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 50% glycerol, 1% BSA
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_1959487

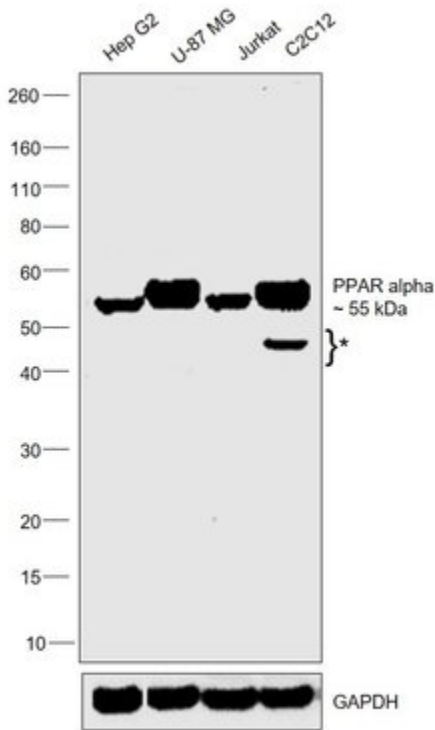
Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-4 µg/mL	-
Immunohistochemistry (IHC)	-	1 Publication

Product Specific Information

Detects a band of approximately 52 kDa.

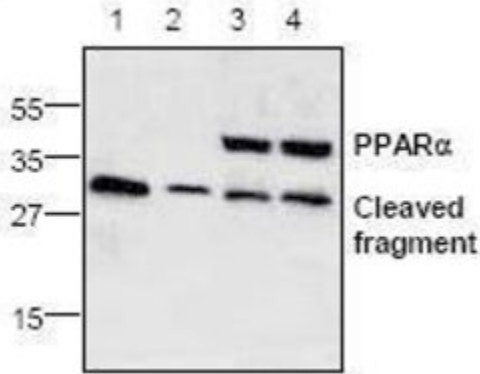
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For PPAR alpha Polyclonal Antibody



PPAR alpha Antibody (PA1-32484) in WB

Western blot was performed using Anti-PPAR alpha Polyclonal Antibody (Product # PA1-32484) and a 55kDa band corresponding to PPAR alpha was observed across along with uncharacterized bands(*). Whole Cell Extract (1% SDS) (30 µg lysate) of Hep G2 (Lane 1), U-87 MG (Lane 2), Jurkat (Lane 3) and C2C12 (Lane 4) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (3µg/ml) and detected by chemiluminescence with Goat anti-Rabbit IgG (H+L), Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752).



PPAR alpha Antibody (PA1-32484) in WB

Western Blot analysis of PPAR alpha was performed by loading Jurkat (1,2), rat liver (3), and rat kidney (4) lysates. Proteins were transferred to a membrane and probed with a PPAR alpha Polyclonal Antibody (Product # PA1-32484).

Immunohistochemistry (1)

Experimental physiology

Overexpression of peroxisome proliferator-activated receptor in pancreatic -cells improves glucose tolerance in diet-induced obese mice.

"PA1-32484 was used in immunohistochemistry to study the effect of pancreatic-beta cell overexpression of PPARalpha on glucose-tolerance in a murine model of diet-induced obesity"

Authors: Hogh KL,Uy CE,Asadi A,Baker RK,Riedel MJ,Gray SL

Species
Mouse

Dilution
1:50

Year
2013

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