

PPAR α Rabbit mAb (AR1202)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	52kD (Calculated) 52kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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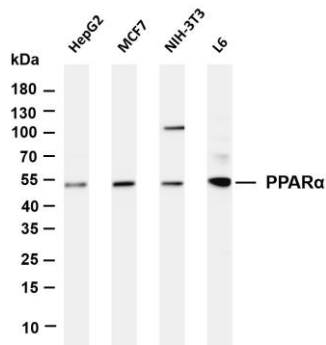
Target Information

Gene name	PPARA
Protein Name	Peroxisome proliferator-activated receptor alpha

Organism	Gene ID	UniProt ID
Human	5465	Q07869
Mouse	19013	P23204
Rat	25747	P37230

Cellular Localization	Nucleus
Tissue specificity	Skeletal muscle, liver, heart and kidney. Expressed in monocytes (PubMed:28167758).

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PPARα antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: HepG2

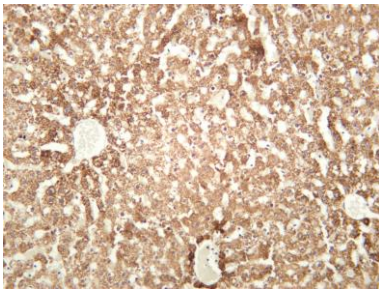
Lane 2: MCF7

Lane 3: NIH-3T3

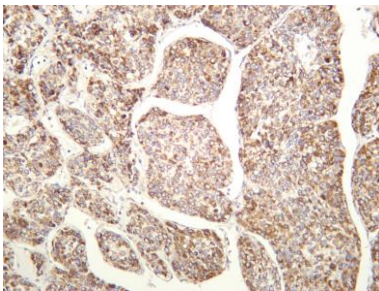
Lane 4: L6

Predicted band size: 52kDa

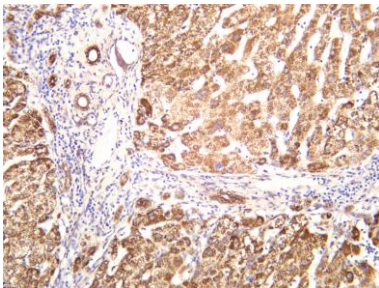
Observed band size: 52kDa



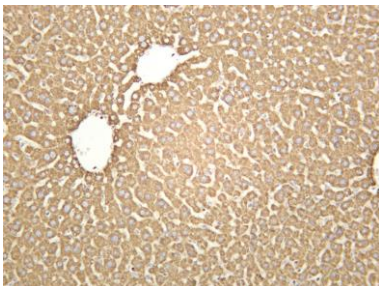
Rat liver was stained with anti-PPARα rabbit antibody



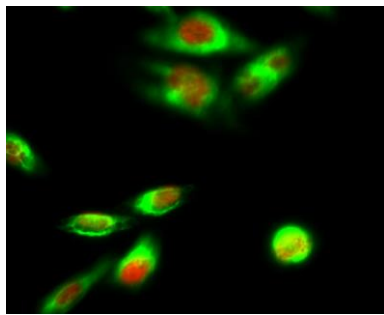
Human hepatocellular carcinoma was stained with anti-PPARα rabbit antibody



Human liver was stained with anti-PPARα rabbit antibody



Mouse liver was stained with anti-PPARα rabbit antibody



Immunofluorescence analysis of HeLa cell.

1. PPAR- α Antibody(red) was diluted at 1:200(4 ° overnight). Galectin-3 Monoclonal Antibody(6G2) (green) was diluted at 1:200(4° overnight).
2. Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).

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