

# PPAR alpha antibody

**Cat. No. GTX101098**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, IHC-P, IP, ChIP assay
<b>Reactivity</b>	Human, Mouse, Rat, Honeybee, Queen Bee, Plant

References ( 27 )

★★★★★ Review ( 2 )

Package

100 µl, 25 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	Assay dependent
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

**Calculated MW** 52 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.04 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the N-terminus region of human PPAR alpha. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

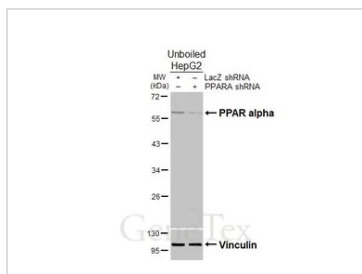


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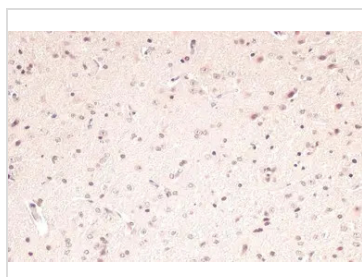
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**DATA IMAGES**

**GTX101098 WB Image**

Non-transfected (–) and transfected (+) unboiled HepG2 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with PPAR alpha antibody (GTX101098) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

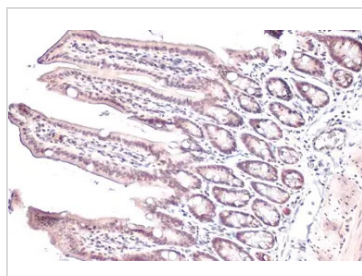

**GTX101098 IHC-P Image**

PPAR alpha antibody detects PPAR alpha protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

PPAR alpha stained by PPAR alpha antibody (GTX101098) diluted at 1:165.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

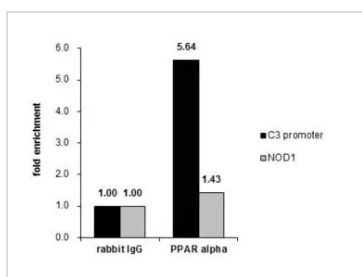

**GTX101098 IHC-P Image**

PPAR alpha antibody detects PPAR alpha protein at nucleus by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

PPAR alpha stained by PPAR alpha antibody (GTX101098) diluted at 1:165.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


**GTX101098 ChIP assay Image**

Cross-linked ChIP was performed with HepG2 chromatin extract and 5 µg of either control rabbit IgG or anti-PPAR alpha antibody. The precipitated DNA was detected by PCR with primer set targeting to C3 promoter or NOD1 gene.

ChIP experiment and primer designs are based on [J Biol Chem. 2013 Jan 18;288\(3\):1726-38.](https://pubs.biolchem.org/doi/10.1016/j.jbc.2012.11.001)



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