



Rabbit anti PPAR α Polyclonal Antibody

Alternative Name(s): peroxisome proliferator activated receptor alpha; PPAR-alpha

Order Information

- **Description:** PPAR α
- **Catalogue:** 600-150
- **Lot:** See label
- **Size:** 100 μ g/200 μ l
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu

ANTIGEN PREPARATION

The full-length recombinant protein of human PPAR-alpha

BACKGROUND

The Peroxisome proliferator-activated receptor alpha (PPAR-alpha) is a ligand activated transcription factor belonging to the nuclear receptor superfamily. PPARs bind peroxisome proliferators and control the size and number of peroxisomes produced by cells. PPARs mediate a variety of biological processes, and may be involved in the development of several chronic diseases, including diabetes, obesity, atherosclerosis, and cancer. The PPAR-beta is a potent inhibitor of ligand-induced transcription activity of PPAR alpha and PPAR gamma. It may function as an integrator of transcription repression and nuclear receptor signaling. The expression of PPAR-alpha is found to be associated to cancer cells.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody reacts with human PPAR-alpha. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 μ g/ml
- ELISA: 0.01-0.1 μ g/ml
- Immunoprecipitation: 2-5 μ g/ml
- IHC: 2-10 μ g/ml
- Flow cytometry: Not tested
- Molecular Weight: 52.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS

REFERENCES

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