

For Research Use Only

NR1D1 Polyclonal antibody

Catalog Number: 14506-1-AP

Featured Product

23 Publications



Basic Information

Catalog Number:

14506-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5964

GenBank Accession Number:

BC056148

GeneID (NCBI):

9572

UNIPROT ID:

P20393

Full Name:

nuclear receptor subfamily 1, group D, member 1

Calculated MW:

67 kDa

Observed MW:

55-68 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IP, WB, ELISA

Cited Applications:

WB, IP, IF, IHC, ChIP

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Positive Controls:

WB: A549 cells, HepG2 cells, mouse skeletal muscle tissue, Jurkat cells, NIH/3T3 cells, Y79 cells, HeLa cells

IP: A549 cells,

IF: NIH/3T3 cells,

Background Information

NR1D1, also named as EAR1, THRAL, ear-1 and hRev, contains one nuclear receptor DNA-binding domain and belongs to the nuclear hormone receptor family, NR1 subfamily. This protein functions as a constitutive transcriptional repressor. It is a possible receptor for triiodothyronine. Rev-erba itself is activated by BMAL1-CLOCK and thereby represents the link between the positive and negative loops of the circadian clock. This is a rabbit polyclonal antibody raised against the N terminus of human NR1D1.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|---------------|-------------|
| Xuekai Xiong | 36093830 | J Cell Sci | WB |
| Da-Yoon Jang | 36048349 | Neurochem Res | WB |
| Hao-Yu Liu | 34722605 | Front Nutr | ChIP |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

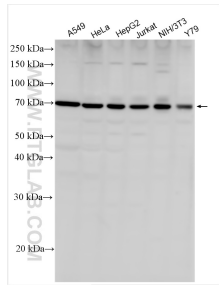
T: 4006900926

E: Proteintech-CN@ptglab.com

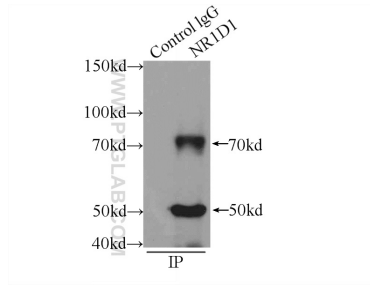
W: ptgcn.com

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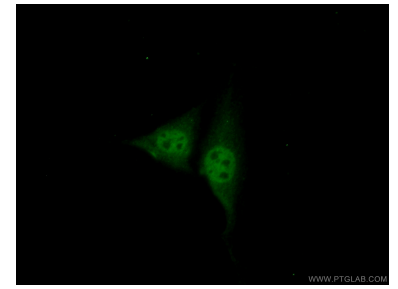
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14506-1-AP (NR1D1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-NR1D1 (IP:14506-1-AP, 4ug; Detection:14506-1-AP 1:300) with A549 cells lysate 1200ug.



Immunofluorescent analysis of (10% Formaldehyde) fixed NIH/3T3 cells using 14506-1-AP (NR1D1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).