

NR1I2

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 50kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human NR1I2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

μg

Synonym:

BXR; PAR; PRR; PXR; SAR; SXR; ONR1; PAR1; PAR2; PARq;

Catalog #: A1583

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 8856

Isotype: IgG

Swiss Prot: O75469

Purity: Affinity purification

For research use only.

Background:

This gene product belongs to the nuclear receptor superfamily, members of which are transcription factors characterized by a ligand-binding domain and a DNA-binding domain. The encoded protein is a transcriptional regulator of the cytochrome P450 gene CYP3A4, binding to the response element of the CYP3A4 promoter as a heterodimer with the 9-cis retinoic acid receptor RXR. It is activated by a range of compounds that induce CYP3A4, including dexamethasone and rifampicin. Several alternatively spliced transcripts encoding different isoforms, some of which use non-AUG (CUG) translation initiation codon, have been described for this gene. Additional transcript variants exist, however, they have not been fully characterized.

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