

## NR112

**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 NR112

**Storage Buffer:**

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

**Concentration:**

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**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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