

## Product datasheet for **TA364939**

### PXR (NR112) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Rat liver tissue lysate
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human NR112
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	50 kDa
Gene Name:	nuclear receptor subfamily 1 group I member 2
Database Link:	<a href="#">Entrez Gene 8856 Human O75469</a>

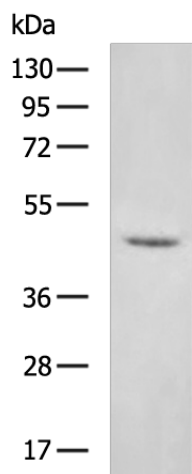
**Background:** This gene product belongs to the nuclear receptor superfamily, members of which are transcription factors characterized by a ligand-binding domain and a DNA-binding domain. The encoded protein is a transcriptional regulator of the cytochrome P450 gene CYP3A4, binding to the response element 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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Synonyms: BXR; ONR1; PAR; PAR1; PAR2; PARq; PRR; PXR; SAR; SXR

### Product images:



Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Rat liver tissue lysate  
Primary antibody: TA364939 (NR1I2 Antibody) at dilution 1/1150  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 10 seconds