

PXR rabbit pAb

Cat#: orb770768 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	PXR rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human NR1I2. AA range:91-140
Specificity	PXR Polyclonal Antibody detects endogenous levels of PXR protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Nuclear receptor subfamily 1 group I member 2
Gene Name	NR1I2
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	8856
Human Swiss-Prot Number	O75469
Alternative Names	NR1I2; PXR; Nuclear receptor subfamily 1 group I member 2; Orphan nuclear receptor PAR1; Orphan nuclear receptor PXR; Pregnane X receptor; Steroid and xenobiotic receptor; SXR
Background	<p>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. [provided by RefSeq, Jul 2008],</p>