

## Product datasheet for **TA392607S**

### PXR (NR1I2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000~1:2000
Reactivity:	Human, Pig
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to Human PXR.
Specificity:	PXR polyclonal antibody detects endogenous levels of PXR protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 52 kDa
Gene Name:	nuclear receptor subfamily 1 group I member 2
Database Link:	<a href="#">Entrez Gene 8856 Human O75469</a>
Background:	Steroid hormones function as signaling molecules by diffusing into cells and interacting with specific intracellular receptors to regulate gene expression. This superfamily of receptors includes both steroid and nonsteroid receptors. Like many nonsteroid hormone receptors, PXR (pregnane X receptor) binds as a heterodimer with RXR to a DNA sequence typical of a nonsteroid hormone receptor; however, PXR is activated by several steroids, such as naturally occurring pregnanes and synthetic glucocorticoids and anti- glucocorticoids. PXR exists as two alternatively spliced isoforms, PXR.1 and PXR.2. PXR is thought to define a novel steroid hormone signaling pathway that may account for some of the effects of synthetic glucocorticoids and antiglucocorticoids that are not mediated through the classical glucocorticoid receptor signaling pathway.

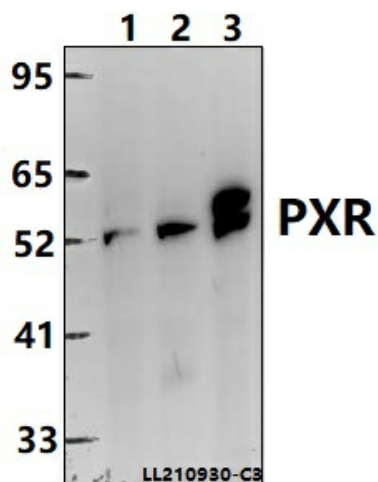


[View online »](#)

**Synonyms:** Nuclear receptor subfamily 1 group I member 2; Orphan nuclear receptor PAR1; Orphan nuclear receptor PXR; Pregnane X receptor; Steroid and xenobiotic receptor; SXR

**Note:** For research use only, not for use in diagnostic procedure.

**Product images:**



Western blot (WB) analysis of PXR polyclonal antibody at 1:2000 dilution. Lane 1: HepG2 whole cell lysate (40ug); Lane 2: THP-1 whole cell lysate (40ug); Lane 3: The Liver tissue lysate of Pig (40ug).