

Rabbit Anti-PXR/AF350 Conjugated antibody

SL2334R-AF350

Product Name	Anti-PXR/AF350
Chinese Name	AF350 标记的孤儿核受体 PAR1 抗体
Alias	BXR; NR1I2; Nuclear receptor subfamily 1 group I member 2; ONR 1; ONR1; Orphan nuclear receptor PAR 1; Orphan nuclear receptor PAR1; Orphan nuclear receptor PXR; PAR 1; PAR 2; PAR; PAR q; PAR1; PAR2; PARq; Pregnane X receptor; PRR; SAR; Steroid and xenobiotic receptor; SXR.
Research Area	Tumour Cell biology immunology Chromatin and nuclear signals transcriptional regulatory factor
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human,Mouse(predicted:Rat,Pig,Cow,Horse)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	48kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PXR
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: The human nuclear pregnane X receptor (PXR) activates cytochrome P450-3A expression in response to a wide variety of xenobiotics and plays a critical role in mediating dangerous drug-drug interactions. The human PXR is

related to the mouse Pxr1, which they had cloned and shown to be activated by dexamethasone, pregnenolone 16-alpha-carbonitrile (PCN), and other compounds known to induce expression of the CYP3A1 gene, the predominant form of CYP3A in rat liver and intestine. Northern blot analysis detected most abundant expression in liver, colon, and small intestine; transcripts of 2.6, 4.3, and 5 kb were present in each of these tissues.

Subunit:

Heterodimer with RXR. Interacts with NCOA1.

Subcellular Location:

Nucleus.

Tissue Specificity:

Expressed in liver, colon and small intestine.

Similarity:

Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.

Database links:

[Entrez Gene: 8856](#) Human

[Entrez Gene: 84385](#) Rat

[Omid: 603065](#) Human

[SwissProt: O75469](#) Human

[SwissProt: Q9R1A7](#) Rat

[Unigene: 7303](#) Human

[Unigene: 207164](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.