




Rabbit Anti-PXR antibody

SL2334R

Product Name:	PXR
Chinese Name:	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.
文献引用 	<p>Specific References(2) SL2334R has been referenced in 2 publications.</p> <p>[IF=2.72]Sehirli, AO, et al. "St. Johns wort may ameliorate 2,4,6-trinitrobenzenesulfonic acid colitis off rats through the induction of pregnane X receptors and/or P-glycoproteins."Journal of Physiology and Pharmacology 66.2 (2015): 203-214.IHC-P;Rat. PubMed:25903951</p> <p>[IF=5.58]Zhou, Xiaoqiao, et al. "Cecropin B Represses CYP3A29 Expression through Activation of the TLR2/4-NF-κB/PXR Signaling Pathway." Scientific Reports6 (2016): 27876.other;Pig. PubMed:27296244</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	48kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid

Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PXR:51-150/434
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>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.</p> <p>Subunit: Heterodimer with RXR. Interacts with NCOA1.</p> <p>Subcellular Location: Nucleus.</p> <p>Tissue Specificity: Expressed in liver, colon and small intestine.</p> <p>Similarity: Belongs to the nuclear hormone receptor family. NR1 subfamily. Contains 1 nuclear receptor DNA-binding domain.</p> <p>SWISS: O75469</p> <p>Gene ID: 8856</p> <p>Database links: Entrez Gene: 8856Human Entrez Gene: 84385Rat Omim: 603065Human SwissProt: O75469Human</p>

[SwissProt: Q9RIA7](#)Rat

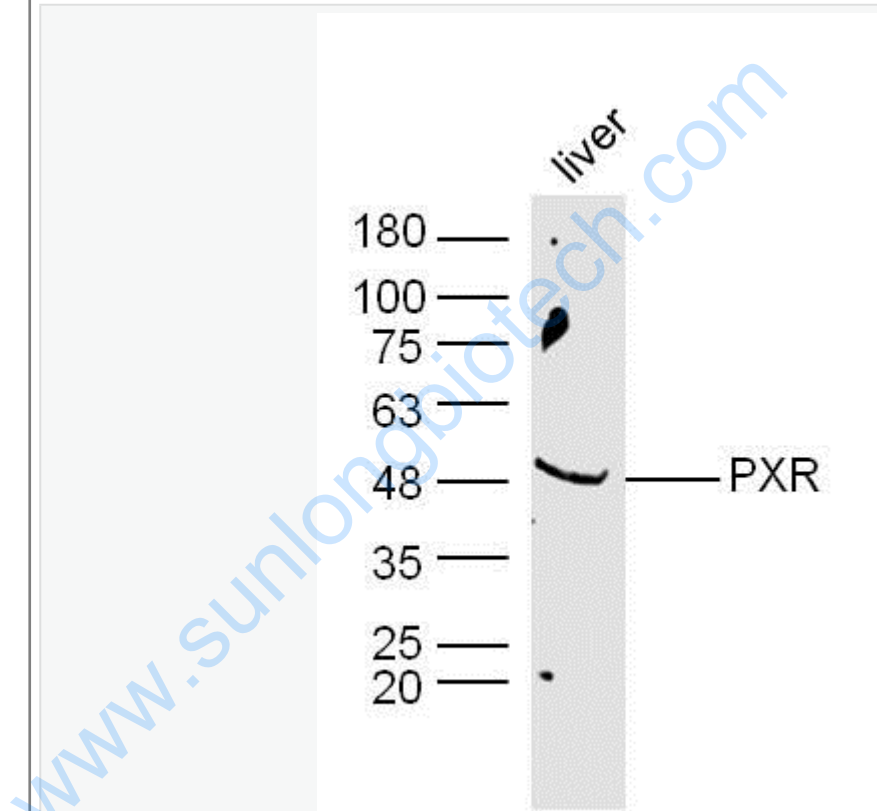
[Unigene: 7303](#)Human

[Unigene: 207164](#)Rat

Important Note:

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

Picture:



Sample: Liver (Mouse) Lysate at 40 ug

Primary: Anti- PXR (SL2334R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 48 kD

Observed band size: 48 kD