

Rabbit PXR Polyclonal Antibody | anti-PXR antibody

PXR Rabbit pAb

CATALOG # AAA281734	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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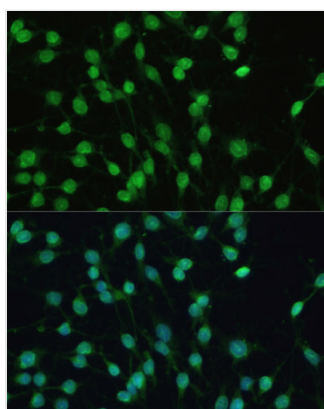
PRODUCT SYNONYMS

PXR; Polyclonal Antibody; PXR Rabbit pAb; NR1I2; BXR; ONR1; PAR; PAR1; PAR2; PARq; PRR; SAR; SXR; anti-PXR antibody

PRODUCT SPECIFICATIONS

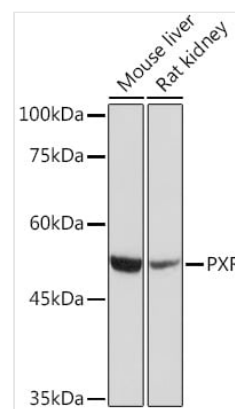
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-PXR antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human PXR
Cellular Location	Nucleus
Positive Samples	Mouse liver, Rat kidney
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using PXR Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PXR Rabbit pAb at 1:8000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-PXR antibody	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.
Product Categories/Family for anti-PXR antibody	Epigenetics & Nuclear Signaling; Transcription Factors; Research; Endocrine & Metabolism; Drug metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	34398348
NCBI GeneID	8856
NCBI Accession #	NP_003880.3
NCBI GenBank Nucleotide #	NM_003889.3
UniProt Accession #	O75469; Q006P5; Q008C8; Q96AC7; Q9UJ22; Q9UJ23; Q9UJ24; Q9UJ25; Q9UJ26; Q9UJ27; Q9UNW4
Molecular Weight	49,762 Da
NCBI Official Full Name	nuclear receptor subfamily 1 group I member 2 isoform 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 1, group I, member 2
NCBI Official Symbol	NR1I2
NCBI Official Synonym Symbols	BXR; PAR; PRR; PXR; SAR; SXR; ONR1; PAR1; PAR2; PARq
NCBI Protein Information	nuclear receptor subfamily 1 group I member 2; pregnane X receptor; orphan nuclear receptor PXR; orphan nuclear receptor PAR1; steroid and xenobiotic receptor; pregnane X nuclear receptor variant 2
UniProt Protein Name	Nuclear receptor subfamily 1 group I member 2
UniProt Gene Name	NR1I2
UniProt Synonym Gene Names	PXR; SXR
UniProt Entry Name	NR1I2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pxr-antibody-immunofluorescence-western-blot-elisa/281734>