

# PXR Polyclonal antibody

Catalog Number: 15607-1-AP

Featured Product

10 Publications

## Basic Information

**Catalog Number:**

15607-1-AP

**Size:**

190 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG7991

**GenBank Accession Number:**

BC017304

**GeneID (NCBI):**

8856

**UNIPROT ID:**

O75469

**Full Name:**

nuclear receptor subfamily 1, group I, member 2

**Calculated MW:**

50 kDa

**Observed MW:**

45-50 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

ELISA

**Cited Applications:**

WB, IF, IHC, CoIP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

## Background Information

Pregnane X receptor (PXR; NR1I2), a member of the nuclear receptor superfamily, plays a key role in the induction of genes involved in drug transport and metabolism. It modulates drug transport and metabolism through the regulation of target genes responsible for the transport and conversion of chemicals into metabolites that are more easily eliminated from the body [PMID:22609277]. It is also emerging as an endobiotic receptor that regulates the inflammatory response. In addition, PXR acts as a transcription factor that activates the transcription of multiple genes involved in the metabolism and secretion of potentially harmful xenobiotics, drugs and endogenous compounds [PMID: 19297428].

## Notable Publications

Author	Pubmed ID	Journal	Application
En-Qi Qiao	34733941	Ann Transl Med	WB, IHC
Qingqing Hu	30414935	Biochem Pharmacol	WB
Han Li	33896369	Xenobiotica	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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