

For Research Use Only

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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Selected Validation Data