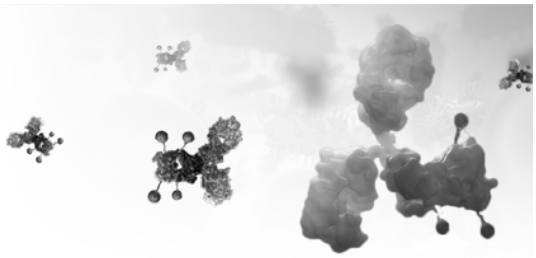

Anti-NR1I2 (full length) polyclonal antibody (DPABH-08293)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Nuclear receptor that binds and is activated by variety of endogenous and xenobiotic compounds. Transcription factor that activates the transcription of multiple genes involved in the metabolism and secretion of potentially harmful xenobiotics, drugs and endogenous compounds. Activated by the antibiotic rifampicin and various plant metabolites, such as hyperforin, guggulipid, colupulone, and isoflavones. Response to specific ligands is species-specific. Activated by naturally occurring steroids, such as pregnenolone and progesterone. Binds to a response element in the promoters of the CYP3A4 and ABCB1/MDR1 genes.
Immunogen	Recombinant full length protein, corresponding to amino acids 1-434 of Human PXR (NP_003880.3).
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Rat, Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	50 µg
Buffer	pH: 7.20; Constituent: 99% PBS
Preservative	None

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	NR1I2 nuclear receptor subfamily 1, group I, member 3 [Homo sapiens]
Official Symbol	NR1I2
Synonyms	NR1I2; nuclear receptor subfamily 1, group I, member 2; BXR; PAR; PRR; PXR; SAR; SXR; ONR1; PAR1; PAR2; PARq; 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;
Entrez Gene ID	8856
Protein Refseq	NP_003880.3
UniProt ID	O75469
Pathway	Drug Induction of Bile Acid Pathway; Generic Transcription Pathway; Nuclear Receptors;
Function	RNA polymerase II regulatory region sequence-specific DNA binding; RNA polymerase II transcription regulatory region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; drug binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity

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