

Rabbit anti-Human NR1I2 Polyclonal Antibody | anti-NR1I2 antibody

NR1I2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288725	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

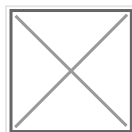
PRODUCT SYNONYMS

NR1I2; Polyclonal Antibody; NR1I2 Antibody (Center); Nuclear receptor subfamily 1 group I member 2; Orphan nuclear receptor PAR1; Orphan nuclear receptor PXR; Pregnane X receptor; Steroid and xenobiotic receptor; SXR; PXR; anti-NR1I2 antibody

PRODUCT SPECIFICATIONS

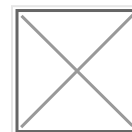
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NR1I2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 100-127 amino acids from the Central region of human NR1I2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.39 (varies by lot)
Sequence Positions	100-127
Sequence Length	434
Applicable Applications for anti-NR1I2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of NR1I2 Antibody (Center) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



FCM/FACS (Flow Cytometry)

NR1I2 Antibody (Center) flow cytometric analysis of HL-60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with NR1I2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of NR1I2 Antibody (Center) in HL-60 cell line lysates (35ug/lane). NR1I2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NR1I2 antibody	NR1I2 belongs to the nuclear receptor superfamily, members of which are transcription factors characterized by a ligand-binding domain and a DNA-binding domain. This 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.
Product Categories/Family for anti-NR1I2 antibody	Metabolism; Signal Transduction
References	Lehmann,J.M., et.al., J. Clin. Invest. 102 (5), 1016-1023 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34398348
NCBI GeneID	8856
NCBI Accession #	NP_003880.3; NP_071285.1; NP_148934.1
NCBI GenBank Nucleotide #	NM_003889.3
UniProt Accession #	O75469; Q006P5; Q008C8; Q96AC7; Q9UJ22; Q9UJ23; Q9UJ24; Q9UJ25; Q9UJ26; Q9UJ27; Q9UNW4
Molecular Weight	49762
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
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/nr1i2-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/288725>