

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

NR1I2 antibody - N-terminal region

CATALOG # AAA198048	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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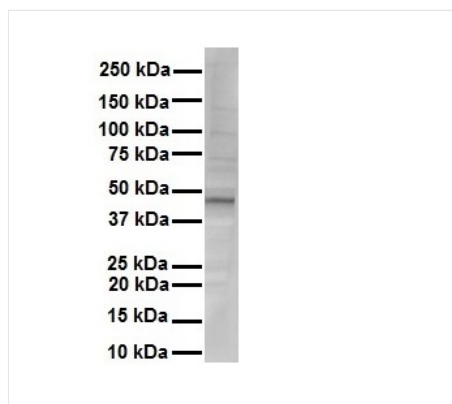
PRODUCT SYNONYMS

NR1I2; Polyclonal Antibody; NR1I2 antibody - N-terminal region; anti-NR1I2 antibody

PRODUCT SPECIFICATIONS

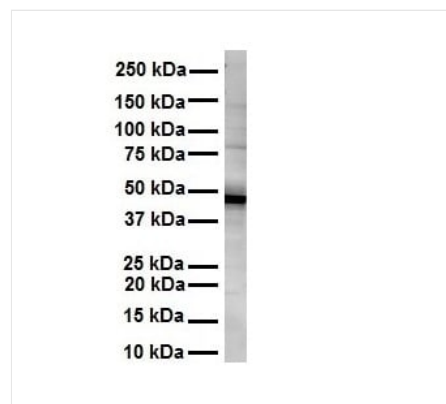
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EV RPKESWNHAD FVHCEDESVP GKPSVNADE EVGGPQICRV CGDKATGY
Sequence Length	434
Applicable Applications for anti-NR1I2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human NR1I2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



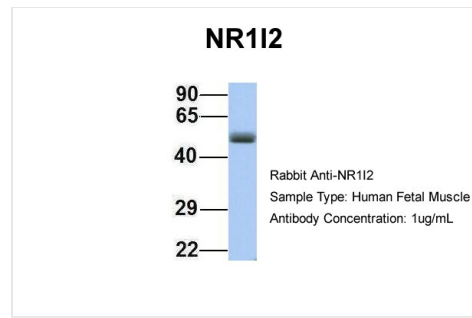
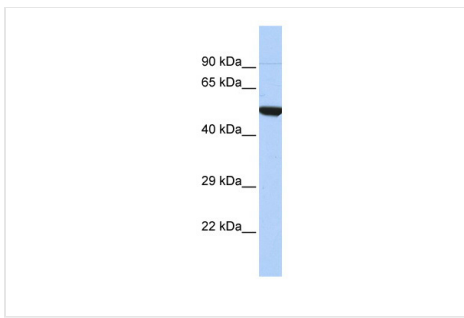
WB (Western Blot)

WB Suggested Anti-NR1I2 antibody Titration: 1 ug/mL Sample Type: Human liver



WB (Western Blot)

WB Suggested Anti-NR1I2 antibody Titration: 1 ug/mL Sample Type: Human heart

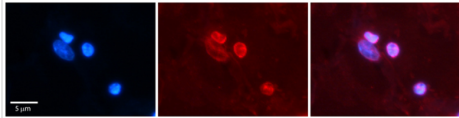


WB (Western Blot)

WB Suggested Anti-NR1I2 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: HepG2 cell lysate
 NR1I2 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells

WB (Western Blot)

Host: Rabbit
 Target Name: NR1I2
 Sample Type: Human Fetal Muscle
 Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-NR1I2 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
 Observed Staining: Nuclei in adipocytes but not in cardiomyocytes
 Primary Antibody Concentration: 1:100
 Secondary Antibody: Donkey anti-Rabbit-Cy2/3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec
 Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-NR1I2 antibody

This is a rabbit polyclonal antibody against NR1I2. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: NR1I2 belongs to the nuclear receptor superfamily, members of which are transcription factors characterized by a ligand-binding domain and a DNA-binding domain. NR1I2 contains a zinc finger domain. NR1I2 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. 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 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-NR1I2 antibody

[Polyclonal](#); [Transcription Factor](#); [Transcription Regulation](#); [Transcription Regulation](#); [Drugs and Drug Metabolism](#); [Chromatin & Nuclear Signaling](#); [DNA/RNA/Protein Interactions](#); [Receptors](#); [Transcription Factors](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34398348
NCBI GeneID	8856
NCBI Accession #	NP_003880
NCBI GenBank Nucleotide #	NM_003889
UniProt Accession #	O75469
Molecular Weight	50kDa
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-immunohistochemistry-western-blot-elisa/198048>