

Rabbit NR1I2 Polyclonal Antibody | anti-NR1I2 antibody

NR1I2 Polyclonal Antibody

CATALOG # AAA36871	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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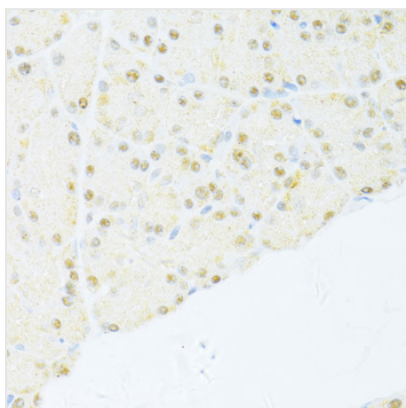
PRODUCT SYNONYMS

NR1I2; Polyclonal Antibody; NR1I2 Polyclonal Antibody; BXR; PAR; PRR; PXR; SAR; SXR; ONR1; PAR1; PAR2; PARq; anti-NR1I2 antibody

PRODUCT SPECIFICATIONS

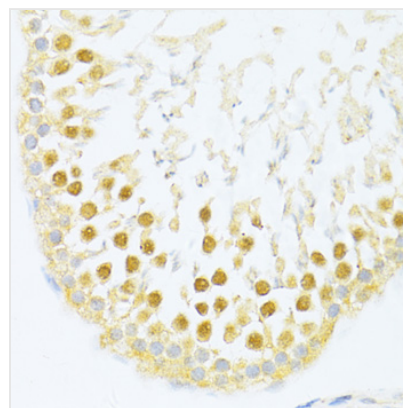
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	434
Applicable Applications for anti-NR1I2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human NR1I2
Calculated Molecular Weight	50kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



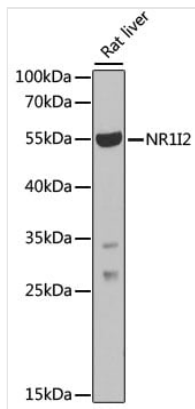
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat pancreas using NR1I2 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using NR1I2 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
 Western blot analysis of extracts of rat liver, using NR1I2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-NR1I2 antibody	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

NCBI AND UNIPROT INFORMATION

NCBI GI #	6093860
NCBI GeneID	8856
UniProt Accession #	O75469; Q006P5; Q008C8; Q96AC7; Q9UJ22; Q9UJ23; Q9UJ24; Q9UJ25; Q9UJ26; Q9UJ27; Q9UNW4
Molecular Weight	434
NCBI Official Full Name	Nuclear receptor subfamily 1 group I member 2
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; pregnane X receptor; orphan nuclear receptor PXR; orphan nuclear receptor PAR1; steroid and xenobiotic receptor; pregnane X nuclear receptor variant 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.

