

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

NR1I2 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                 |
|-----------|--------|------------|--------------------------------------------------------------|
| AAA325446 | Rabbit | Human      | ELISA, Immunocytochemistry, Immunofluorescence, Western Blot |

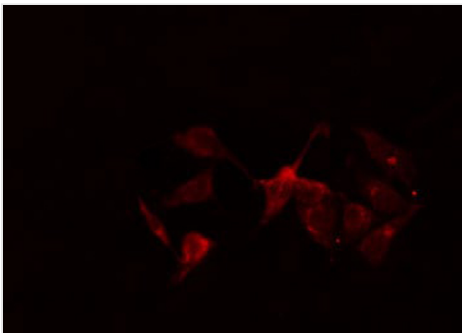
### PRODUCT SYNONYMS

NR1I2; Polyclonal Antibody; NR1I2 Antibody; BXR; Nr1i2; NR1I2\_HUMAN; Nuclear receptor subfamily 1 group I member 2; ONR 1; ONR1; Orphan nuclear receptor PAR 1; Orphan nuclear receptor PAR1; Orphan nuclear receptor PXR; OTTHUMP00000215173; OTTHUMP00000215174; OTTHUMP00000215175; PAR 1; PAR 2; PAR; PAR q; PAR1; PAR2; PARq; pregnane X nuclear receptor variant 2; Pregnane X receptor; PRR; PXR; SAR; Steroid and xenobiotic receptor; SXR; anti-NR1I2 antibody

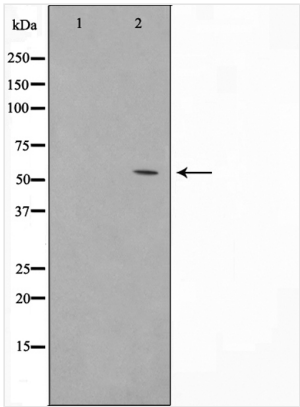
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                               |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                        |
| Reactivity                                      | Human                                                                                         |
| Clonality                                       | Polyclonal                                                                                    |
| Isotype                                         | IgG                                                                                           |
| Specificity                                     | NR1I2 antibody detects endogenous levels of total NR1I2                                       |
| Purity/Purification                             | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| Form/Format                                     | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                   | 1mg/ml (varies by lot)                                                                        |
| Sequence Length                                 | 434                                                                                           |
| Applicable Applications for anti-NR1I2 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                  |
| Immunogen                                       | A synthesized peptide                                                                         |
| Subcellular Location                            | Nucleus.                                                                                      |
| Tissue Specificity                              | Expressed in liver, colon and small intestine.                                                |
| Predicted Cross Reactivity                      | <b>Pig, Bovine, Horse, Sheep, Rabbit, Dog</b>                                                 |
| Similarity                                      | Pig (80%), Bovine (80%), Horse (80%), Sheep (80%), Rabbit (90%), Dog (80%)                    |
| Conjugation                                     | Unconjugated                                                                                  |
| Preparation and Storage                         | Store at -20 degree C. Stable for 12 months from date of receipt.                             |

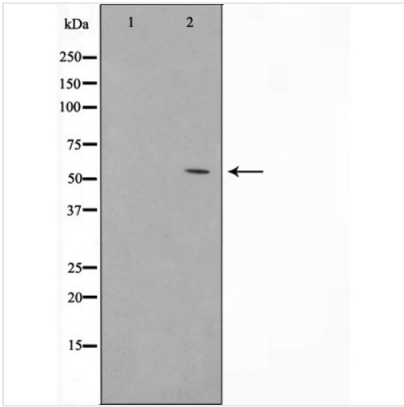
IMAGES



**IF (Immunofluorescence)**  
AAA325446 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



**WB (Western Blot)**  
Western blot analysis of extracts from HeLa using NR1I2 antibody. The lane on the left is treated with the antigen-specific peptide.



**WB (Western Blot)**  
Western blot analysis of extracts from HeLa using NR1I2 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NR1I2 antibody | Function: 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. Subunit Structure: Heterodimer with RXR. Interacts with NCOA1. Similarity: Belongs to the nuclear hormone receptor family. NR1 subfamily. |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                           |                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                 | 34398348                                                                               |
| NCBI GeneID               | 8856                                                                                   |
| NCBI Accession #          | NP_003880.3                                                                            |
| NCBI GenBank Nucleotide # | NM_003889.3                                                                            |
| UniProt Accession #       | O75469; Q006P5; Q008C8; Q96AC7; Q9UJ22; Q9UJ23; Q9UJ24; Q9UJ25; Q9UJ26; Q9UJ27; Q9UNW4 |
| Molecular Weight          | Observed: 50 kD<br>Predicted: 50 kDa                                                   |

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| 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                | <b>NR1I2</b>                                            |
| UniProt Synonym Gene Names       | PXR; SXR                                                |

**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://www.aaabiotech.com/polyclonal/nr1i2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325446>