

# NR1I2 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11609

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O75469</a>
<b>Other Accession</b>	<a href="#">NM_003889</a> , <a href="#">NP_003880</a>
<b>Reactivity</b>	Human, Horse
<b>Predicted</b>	Human, Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	49762

## Additional Information

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<b>Gene ID</b>	8856
<b>Alias Symbol</b>	BXR, ONR1, PAR, PAR1, PAR2, PARq, PRR, PXR, SAR, SXR
<b>Other Names</b>	Nuclear receptor subfamily 1 group I member 2, Orphan nuclear receptor PAR1, Orphan nuclear receptor PXR, Pregnane X receptor, Steroid and xenobiotic receptor, SXR, NR1I2, PXR
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 100 ul of distilled water. Final anti-NR1I2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	NR1I2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	NR1I2
<b>Synonyms</b>	PXR
<b>Function</b>	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.

**Cellular Location**

Nucleus {ECO:0000255 | PROSITE-ProRule:PRU00407, ECO:0000269 | PubMed:12606758}

**Tissue Location**

Expressed in liver, colon and small intestine.

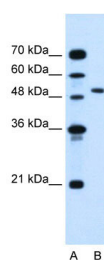
## References

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Dring, M.M., (2006) Gastroenterology 130 (2), 341-348  
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images

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WB Suggested Anti-NR1I2 Antibody Titration: 0.5 µg/ml  
Positive Control: Jurkat cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.