

## ARG64848 anti-NR1I2 / PXR antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes NR1I2 / PXR
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize all reported isoforms (NP_071285.1; NP_148934.1; NP_003880.3).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	NR1I2 / PXR
Species	Human
Immunogen	EQFAITLKSIECNR
Conjugation	Un-conjugated
Alternate Names	PAR; ONR1; PARq; Steroid and xenobiotic receptor; Nuclear receptor subfamily 1 group I member 2; PXR; BXR; Orphan nuclear receptor PAR1; Orphan nuclear receptor PXR; SXR; PAR2; PAR1; PRR; SAR; Pregnane X receptor

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

#### Database links

[GeneID: 8856 Human](#)

[Swiss-port # O75469 Human](#)

#### Background

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. [provided by RefSeq, Jul 2008]

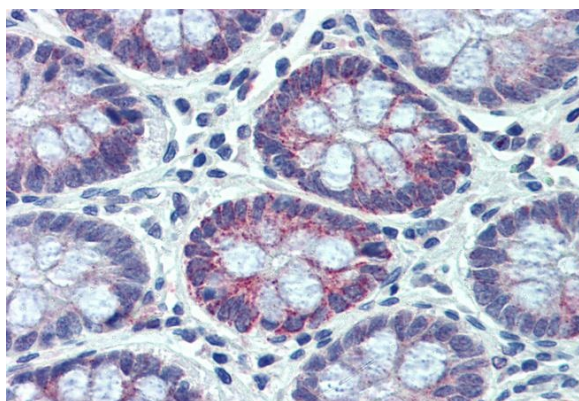
#### Research Area

Gene Regulation antibody; Metabolism antibody; Signaling Transduction antibody

#### Calculated Mw

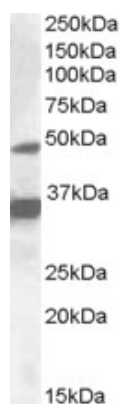
50 kDa

## Images



ARG64848 anti-NR112 / PXR antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64848 anti-NR112 / PXR antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG64848 anti-NR112 / PXR antibody WB image

Western blot: 35 µg of HepG2 lysate (in RIPA buffer) stained with ARG64848 anti-NR112 / PXR antibody at 1 µg/ml dilution and incubated at RT for 1 hour.