

Datasheet for ABIN335159
anti-NR1I2 antibody (Internal Region)

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NR1I2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	PXR / NR1I2
Immunogen:	Peptide with sequence EQFAITLKSYIECNR, from the internal region of the protein sequence according to NP_003880.3, NP_071285.1, NP_148934.1.
Sequence:	EQFAITLKSY IECNR
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_071285.1, NP_148934.1, NP_003880.3).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

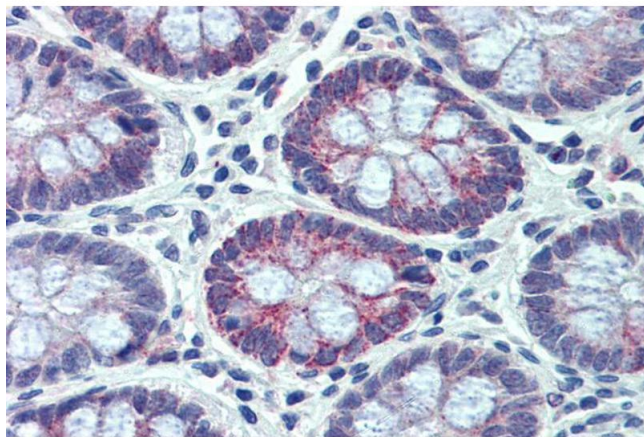
Target:	NR1I2
Alternative Name:	NR1I2 (NR1I2 Products)
Background:	PXR, NR1I2, nuclear receptor subfamily 1, group I, member 2, BXR, ONR1, PAR, PAR1, PAR2, PARq, PRR, SAR, SXR, orphan nuclear receptor, pregnane X receptor, steroid and xenobiotic receptor
Gene ID:	8856
NCBI Accession:	NP_003880 , NP_071285 , NP_148934
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 3.75 µg/mL. Western Blot: Approx. 48 kDa band observed in lysates of cell line HepG2 (calculated MW of 49.8 kDa according to NP_003880.3). Recommended concentration: 1-3 µg/mL. An additional band of unknown identity was also consistently observed at 35 kDa. This band was Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

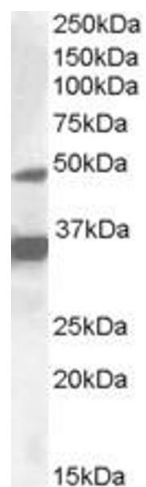
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN335159 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN335159 (1µg/ml) staining of HepG2 lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.