Datasheet

NR1I2 mouse monoclonal antibody (hybridoma)

Catalog Number: H00008856-M

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant NR1I2.

Immunogen: NR1I2 (NP_003880.3, 1 a.a. ~ 434 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MEVRPKESWNHADFVHCEDTESVPGKPSVNADEEVG
GPQICRVCGDKATGYHFNVMTCEGCKGFFRRAMKRN
ARLRCPFRKGACEITRKTRRQCQACRLRKCLESGMKK
EMIMSDEAVEERRALIKRKKSERTGTQPLGVQGLTEE
QRMMIRELMDAQMKTFDTTFSHFKNFRLPGVLSSGCE
LPESLQAPSREEAAKWSQVRKDLCSLKVSLQLRGEDG
SVWNYKPPADSGGKEIFSLLPHMADMSTYMFKGIISFA
KVISYFRDLPIEDQISLLKGAAFELCQLRFNTVFNAETG
TWECGRLSYCLEDTAGGFQQLLLEPMLKFHYMLKKLQ
LHEEEYVLMQAISLFSPDRPGVLQHRVVDQLQEQFAIT
LKSYIECNRPQPAHRFLFLKIMAMLTELRSINAQHTQRL
LRIQDIHPFATPLMQELFGITGS

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Entrez GeneID: 8856

Gene Symbol: NR1I2

Gene Alias: BXR, ONR1, PAR, PAR1, PAR2, PARq, PRR, PXR, SAR, SXR

Gene Summary: 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]