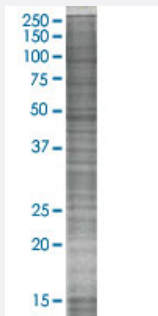


NR1I2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008856-T02

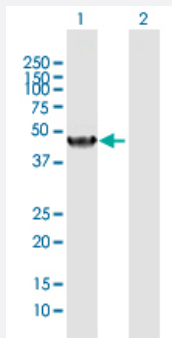
Size 100 uL

Applications



SDS-PAGE Gel

NR1I2 transfected lysate.



Western Blot

Lane 1: NR1I2 transfected lysate (49.8 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NR1I2 full-length
Host	Human
Theoretical MW (kDa)	49.8
Interspecies Antigen Sequence	Mouse (77); Rat (76)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NR1I2 antibody ([H00008856-D01](#)) by Western Blots.
SDS-PAGE Gel
NR1I2 transfected lysate.
Western Blot
Lane 1: NR1I2 transfected lysate (49.8 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NR1I2

Entrez GeneID

[8856](#)

GeneBank Accession#

[NM_003889.2](#)

Protein Accession#

[NP_003880.3](#)

Gene Name

NR1I2

Gene Alias

BXR, ONR1, PAR, PAR1, PAR2, PARq, PRR, PXR, SAR, SXR

Gene Description

nuclear receptor subfamily 1, group I, member 2

Omim ID

[603065](#)

Gene Ontology

[Hyperlink](#)

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]

Other Designations

orphan nuclear receptor PXR|steroid and xenobiotic receptor

Disease

- [Anemia](#)
- [Asthma](#)
- [Birth Weight](#)
- [Bone Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cholangitis](#)
- [Cholestasis](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Drug-Induced Liver Injury](#)
- [Edema](#)
- [Epilepsy](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [HIV Infections](#)
- [Inflammatory Bowel Diseases](#)

- [Kidney Failure](#)
- [Leukemia](#)
- [Leukopenia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Myocardial Infarction](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Osteoporosis](#)
- [Pregnancy Complications](#)
- [Recurrence](#)
- [Respiratory Tract Neoplasms](#)
- [Tobacco Use Disorder](#)