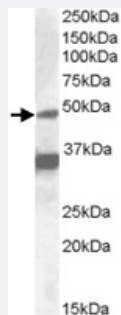


NR1I2 polyclonal antibody

Catalog # PAB11612 Size 100 ug

Applications



Western Blot (Cell lysate)

NR1I2 polyclonal antibody (Cat # PAB11612) (1 ug/mL) staining of HepG2 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of NR1I2.

Immunogen A synthetic peptide corresponding to human NR1I2.

Sequence EQFAITLKSIECNR

Host Goat

Theoretical MW (kDa) 49.8, 53.9, 45.8

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:4000)
 Western Blot (1-3 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

NR1I2 polyclonal antibody (Cat # PAB11612) (1 ug/mL) staining of HepG2 lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NR1I2

Entrez GeneID	8856
Protein Accession#	NP_003880.3;NP_071285.1;NP_148934.1
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

Publication Reference

- [A nuclear receptor-like pathway regulating multidrug resistance in fungi.](#)

Thakur JK, Arthanari H, Yang F, Pan SJ, Fan X, Breger J, Frueh DP, Gulshan K, Li DK, Mylonakis E, Struhl K, Moye-Rowley WS, Cormack BP, Wagner G, Naar AM.

Nature 2008 Apr; 452(7187):604.

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](#)