

Datasheet for ABIN1539134  
**anti-NR1H4 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	NR1H4
Binding Specificity:	AA 18-46, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This NR1H4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-46 amino acids from the N-terminal region of human NR1H4.
Clone:	RB39466
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	NR1H4
Alternative Name:	NR1H4 ( <a href="#">NR1H4 Products</a> )

## Target Details

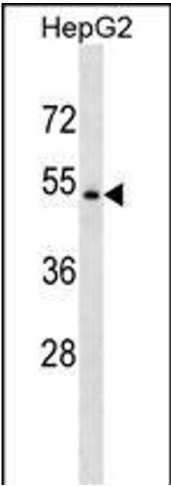
Background:	NR1H4 is a Ligand-activated transcription factor. Receptor for bile acids such as chenodeoxycholic acid, lithocholic acid and deoxycholic acid. Represses the transcription of the cholesterol 7-alpha-hydroxylase gene (CYP7A1) through the induction of NR0B2 or FGF19 expression, via two distinct mechanisms. Activates the intestinal bile acid-binding protein (IBABP). Activates the transcription of bile salt export pump ABCB11 by directly recruiting histone methyltransferase CARM1 to this locus.
Molecular Weight:	55914
Gene ID:	9971
NCBI Accession:	<a href="#">NP_001193906</a> , <a href="#">NP_001193907</a> , <a href="#">NP_001193908</a> , <a href="#">NP_001193921</a> , <a href="#">NP_001193922</a> , <a href="#">NP_005114</a>
UniProt:	<a href="#">Q96R11</a>
Pathways:	<a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	NR1H4 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

**Image 1.** NR1H4 Antibody (N-term) (ABIN1539134 and ABIN2850387) western blot analysis in HepG2 cell line lysates (35 µg/lane). This demonstrates the NR1H4 antibody detected the NR1H4 protein (arrow).