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Datasheet for ABIN7145587

## anti-NR1H4 antibody (AA 1-476) (HRP)

### Overview

Quantity:	100 µg
Target:	NR1H4
Binding Specificity:	AA 1-476
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H4 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Bile acid receptor protein (1-476AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	NR1H4
Alternative Name:	NR1H4 ( <a href="#">NR1H4 Products</a> )
Background:	Background: Ligand-activated transcription factor. Receptor for bile acids such as chenodeoxycholic acid, lithocholic acid and deoxycholic acid. Represses the transcription of the

## Target Details

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.

Aliases: BAR antibody, Bile acid receptor antibody, Farnesoid X activated receptor antibody, Farnesoid X receptor antibody, Farnesoid X-activated receptor antibody, Farnesol receptor HRR 1 antibody, Farnesol receptor HRR-1 antibody, Farnesol receptor HRR1 antibody, FXR antibody, HRR 1 antibody, HRR1 antibody, NR1H4 antibody, NR1H4\_HUMAN antibody, Nuclear receptor subfamily 1 group H member 4 antibody, Retinoid X receptor interacting protein 14 antibody, Retinoid X receptor-interacting protein 14 antibody, RIP 14 antibody, RIP14 antibody, RXR interacting protein 14 antibody, RXR-interacting protein 14 antibody

UniProt: [Q96R11](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Carbohydrate Metabolic Process](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.