

Datasheet for ABIN334396
anti-NR1H4 antibody (Internal Region)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	NR1H4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Farnesoid X receptor / FXR
Immunogen:	Peptide with sequence KSCREKTELTDPDQQ, from the internal region of the protein sequence according to NP_005114.1.
Sequence:	KSCREKTELT PDQQ
Isotype:	IgG
Cross-Reactivity:	Cow, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	NR1H4
Alternative Name:	NR1H4 (NR1H4 Products)
Background:	Farnesoid X receptor, HRR1, NR1H4, nuclear receptor subfamily 1, group H, member 4 , BAR, FXR, HRR-1, RIP14 , farnesol receptor HRR-1
Gene ID:	9971
NCBI Accession:	NP_005114
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Western Blot: Preliminary testing showed a band at approx 55 kDa in Human Kidney, Colon, Duodenum and Ileum lysate after 0.5 µg/mL antibody staining (calculated MW of 54.4 kDa according to NP_005114.1). Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cytoplasm and nuclei of U2OS cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of U2OS cells. Recommended concentration
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN334396 (1µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.