# antibodies -online.com



Datasheet for ABIN185294

## anti-Nuclear Receptor Subfamily 1, Group H, Member 2/3 (NR1H2/3) (AA 429-442), (AA 443-456) antibody

100 μg



Go to Product page

### 4 Images

Overview

Quantity:

Target:	Nuclear Receptor Subfamily 1, Group H, Member 2/3 (NR1H2/3)
Binding Specificity:	AA 429-442, AA 443-456
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (IF), Western Blotting (WB)
Product Details	
Purpose:	LXR alpha / LXR beta
Immunogen:	Peptide with sequence CRLQDKKLPPLLSEI, from the internal region of the protein sequence according to NP_005684.2, NP_009052.3.
Sequence:	CRLQDKKLPP LLSEI
Isotype:	IgG
Specificity:	This antibody is expected to recognise epitopes including aa 429-442 of human LXR alpha protein (NP_005684.2) and aa 443-456 of human LXR beta protein (NP_009052.3).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

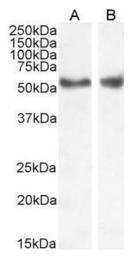
#### **Target Details**

rarget Details	
Target:	Nuclear Receptor Subfamily 1, Group H, Member 2/3 (NR1H2/3)
Alternative Name:	NR1H3, NR1H2
Background:	NR1H3, LXRA, LXR-a, RLD-1, nuclear receptor subfamily 1, group H, member 3, liver X receptor alpha, NR1H2, NER, UNR, LXR-b, NER-I, RIP15, nuclear receptor subfamily 1, group H, member 2, ubiquitously-expressed nuclear receptor / NR1H2, NER, UNR, LXR-b, N
Gene ID:	10062, 7376
NCBI Accession:	NP_005684, NP_009052, NP_001123573, NP_001238863, NP_001350524
Pathways:	Nuclear Receptor Transcription Pathway, Cellular Response to Molecule of Bacterial Origin, Hepatitis C
Application Details	
Application Notes:	Western Blot: Approx 55 kDa band observed in Human, Liver and Kidney lysates and in preliminary testing of Human Spleen lysate (calculated MW of 51.1 kDa according to NP_001238863.1). This band was successfully blocked by incubation with the immunizing pe Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the nuclei of A549 cells.  Recommended concentration: 10µg/ml.  Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration: 10µg/ml.
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.

#### Handling

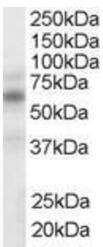
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

#### **Images**

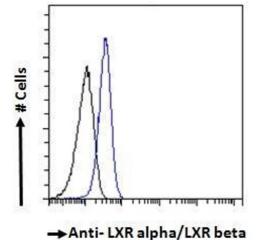


#### **Western Blotting**

**Image 1.** ABIN185294 (1 $\mu$ g/ml) staining of Human Liver (A) and Kidney (B) lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



**Image 2.** ABIN185294 (1μg/ml) staining of human spleen lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



#### **Flow Cytometry**

Image 3. ABIN185294 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN185294.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn | International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com | Page 3/3 | Product datasheet for ABIN185294 | 12/22/2023 | Copyright antibodies-online. All rights reserved.