


Product datasheet

Anti-NR5A2 / LRH1 antibody ab153944

★ ★ ★ ★ ★ [1 Abreviews](#) [4 References](#) [2 Images](#)

Overview

Product name	Anti-NR5A2 / LRH1 antibody
Description	Rabbit polyclonal to NR5A2 / LRH1
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Chicken, Cow, Xenopus tropicalis 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 143-541 of Human NR5A2/LRH1 (Uniprot ID O00482).
Positive control	Recombinant Human NR5A2 / LRH1 protein (ab81844) can be used as a positive control in WB. Mouse liver whole cell lysate; Human ESC cells.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab153944 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★ ★ ★ ★ ★ (1)	1/500 - 1/3000. Predicted molecular weight: 61 kDa.
ICC/IF		1/100 - 1/1000.

Target

Function

Binds to the sequence element 5'-AACGACCGACCTTGAG-3' of the enhancer II of hepatitis B virus genes, a critical cis-element of their expression and regulation. May be responsible for the liver-specific activity of enhancer II, probably in combination with other hepatocyte transcription factors. Key regulator of cholesterol 7-alpha-hydroxylase gene (CYP7A) expression in liver. May also contribute to the regulation of pancreas-specific genes and play important roles in embryonic development.

Tissue specificity

Abundantly expressed in pancreas, less in liver, very low levels in heart and lung. Expressed in the Hep-G2 cell line. Isoform 1 and isoform 2 seem to be present in fetal and adult liver and Hep-G2 cells.

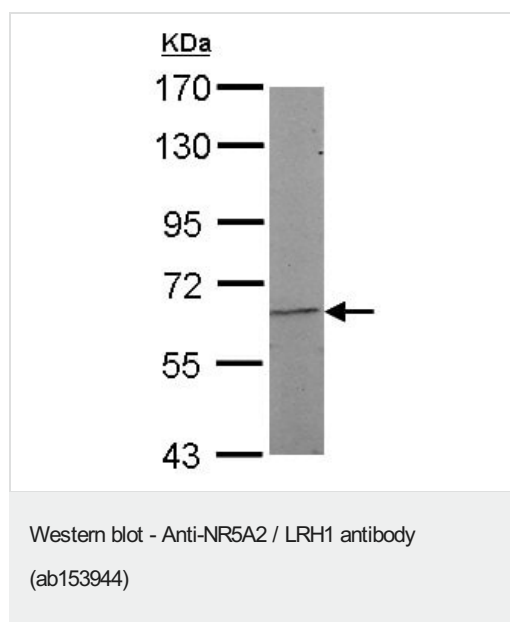
Sequence similarities

Belongs to the nuclear hormone receptor family. NR5 subfamily.
Contains 1 nuclear receptor DNA-binding domain.

Cellular localization

Nucleus.

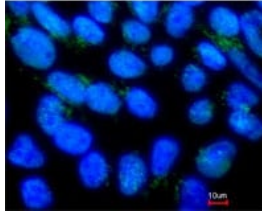
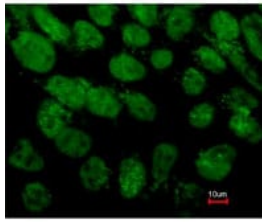
Images



Anti-NR5A2 / LRH1 antibody (ab153944) at 1/1000 dilution +
Mouse liver whole cell lysate at 50 µg

Predicted band size: 61 kDa

7.5% SDS PAGE



Immunofluorescence analysis of paraformaldehyde-fixed Human ESC, labeling NR5A2 / LRH1 with ab153944 at 1/400 dilution.
Blue: Hoechst 33342 staining.

Immunocytochemistry/ Immunofluorescence - Anti-NR5A2 / LRH1 antibody (ab153944)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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