

Anti-NR0B1 / Dax1 antibody ab97369

[1 References](#) [2 图像](#)

概述

产品名称	Anti-NR0B1 / Dax1抗体
描述	兔多克隆抗体to NR0B1 / Dax1
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant fragment: APEATLGPCW GCSCGSDPGV GRAGLGGRPV ALLYRCCFCG EDHPRQGSIL YSLTSSKQT HVAPAAPEAR PGGAWWDRSY FAQRPGGKEA LPGGRATALL YRCCFCGEDH PQQGSTLYCV PTSTNQAQAA PEERPRAPWW DTSSGALRPV ALKSPQVVCE AASAGLLKTL RFVKYLPCFQ VLPLDQQLVL VRNCWASLLM LELAQDRLQF ETVEVSEPSM LQKILTTRRR ETGGNEPLPV PTLQHHLAPP AEARKVPSAS QVQAICFLS KCWSLNISTK , corresponding to amino acids 96 - 376 of Human NR0B1/ Dax1 (NP_000466). Run BLAST with Expasy Run BLAST with NCBI
阳性对照	WB: 293T, A431, H1299, HeLaS3, HepG2 and Raji cell lysates IF: HeLa cells
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab97369于以下的经测试应用

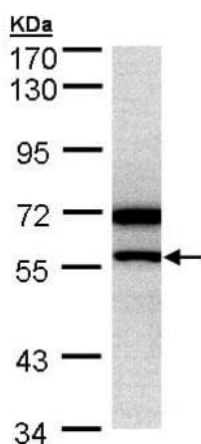
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 52 kDa.
ICC/IF		1/100 - 1/200.

靶标

功能	Orphan nuclear receptor. Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis. Acts as a coregulatory protein that inhibits the transcriptional activity of other nuclear receptors through heterodimeric interactions. May also have a role in the development of the embryo and in the maintenance of embryonic stem cell pluripotency.
疾病相关	<p>Defects in NR0B1 are the cause of X-linked adrenal hypoplasia congenital (XL-AHC) [MIM:300200]; also known as X-linked Addison disease (AHX). XL-AHC is a developmental disorder of the adrenal gland that results in profound hormonal deficiencies and is lethal if untreated. It is characterized by the absence of the permanent zone of the adrenal cortex and by a structural disorganization of the glands. Hypogonadotropic hypogonadism (HHG) is frequently associated with this disorder. HHG is a condition resulting from or characterized by abnormally decreased gonadal function, with retardation of growth and sexual development.</p> <p>Defects in NR0B1 are the cause of 46,XY sex reversal type 2 (SRXY2) [MIM:300018]. It is a condition characterized by male-to-female sex reversal in the presence of a normal 46,XY karyotype. Note=XY individuals with a duplication of part of the short arm of the X chromosome and an intact SRY gene develop as females. The single X chromosome in these individuals does not undergo X-chromosome inactivation; therefore, these individuals presumably carry 2 active copies of genes, including the NR0B1 gene, in the duplicated region. Individuals with deletion of this region develop as males. Genes within the dosage-sensitive sex reversal region are, therefore, not essential for testis development, but, when present in a double dose, interfere with testis formation.</p>
序列相似性	Belongs to the nuclear hormone receptor family. NR0 subfamily.
结构域	Homodimerization involved an interaction between amino and carboxy termini involving LXXLL motifs and steroid binding domain (AF-2 motif). Heterodimerizes with NR5A1 and NROB2 through its N-terminal LXXLL motifs.
细胞定位	Nucleus. Cytoplasm. Shuttles between the cytoplasm and nucleus. Homodimers exits in the cytoplasm and in the nucleus.

图片

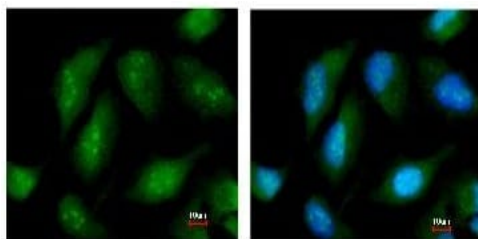


Western blot - Anti-NR0B1 / Dax1 antibody
(ab97369)

Anti-NR0B1 / Dax1 antibody (ab97369) at 1/500 dilution + HeLa S3 whole cell lysate at 30 µg

Predicted band size: 52 kDa

7.5% SDS PAGE



Immunocytochemistry/ Immunofluorescence - Anti-NR0B1 / Dax1 antibody (ab97369)

ab97369, at a 1/200 dilution, staining NR0B1 / Dax1 in paraformaldehyde-fixed HeLa cells by Immunofluorescence analysis. Right image is merged with a DNA probe.

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