

Datasheet for ABIN657696
anti-NR0B1 antibody (AA 304-333)

3 Images

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Overview

Quantity:	400 µL
Target:	NR0B1
Binding Specificity:	AA 304-333
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR0B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NR0B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 304-333 amino acids from the Central region of human NR0B1.
Clone:	RB33887
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NR0B1
Alternative Name:	NR0B1 (NR0B1 Products)
Background:	This gene encodes a protein that contains a DNA-binding domain. The encoded protein acts as

Target Details

a dominant-negative regulator of transcription which is mediated by the retinoic acid receptor. This protein also functions as an anti-testis gene by acting antagonistically to Sry. Mutations in this gene result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism.

Molecular Weight: 51718

Gene ID: 190

NCBI Accession: [NP_000466](#)

UniProt: [P51843](#)

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

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

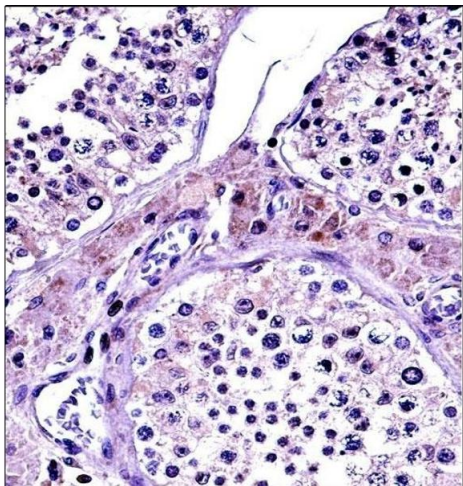
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

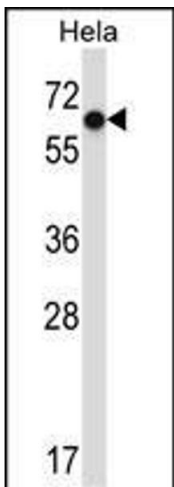
Storage Comment: NR0B1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



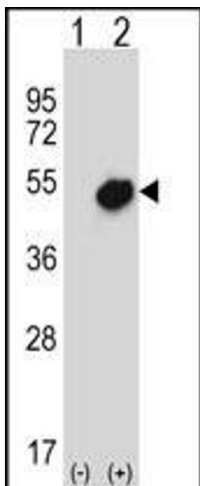
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NR0B1 Antibody (Center) (ABIN657696 and ABIN2846687) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NR0B1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. NR0B1 Antibody (Center) (ABIN657696 and ABIN2846687) western blot analysis in HeLa cell line lysates (35 µg/lane). This demonstrates the NR0B1 antibody detected the NR0B1 protein (arrow).



Western Blotting

Image 3. Western blot analysis of NR0B1 (arrow) using rabbit polyclonal NR0B1 Antibody (Center) (ABIN657696 and ABIN2846687). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the NR0B1 gene.