

Datasheet for ABIN462167  
**anti-NR0B1 antibody (AA 359-408)**

## 2 Images

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## Overview

Quantity:	50 µg
Target:	NR0B1
Binding Specificity:	AA 359-408
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Rabbit, Monkey, Zebrafish (Danio rerio), Chicken, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR0B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Synthetic peptide located between aa359-408 of human NR0B1 (Q9BG96, NP_000466). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Rabbit, Horse, Pig, Opossum, Guinea pig, Chicken, Platypus, Lizard (100%), Galago, Hamster, Xenopus, Seabass, Salmon, Stickleback, Medaka (92%), Bat (91%), Zebrafish (85%), Catfish (81%).  Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human NR0B1 / DAX-1

## Product Details

Cross-Reactivity:	Chicken, Dog (Canine), Mouse (Murine), Pig (Porcine), Rat (Rattus)
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig, Chicken (100%) Zebrafish (85%).
Purification:	Immunoaffinity purified

## Target Details

Target:	NR0B1
Alternative Name:	NR0B1 / DAX1 ( <a href="#">NR0B1 Products</a> )
Background:	<p>Name/Gene ID: NR0B1</p> <p>Subfamily: NR0 Knirps-like</p> <p>Family: NHR</p> <p>Synonyms: NR0B1, AHX, AHC, AHCH, DAX1, DSS, DAX 1, DAX-1, Adrenal hypoplasia congenita, Dosage-sensitive sex reversal, GTD, HHG, Nuclear hormone receptor, NR0B1, Nuclear receptor DAX-1, SRXY2, Nuclear receptor DAX1, Dax-1 receptor</p>
Gene ID:	190
NCBI Accession:	<a href="#">NP_000466</a>
UniProt:	<a href="#">P51843</a>
Pathways:	<a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a>

## Application Details

Application Notes:	<p>Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)</p> <p>Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.</p> <p>Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated</p>
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## Application Details

anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. ELISA titer in peptide based assay: 1:312500.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Reconstitution: Distilled water

Concentration: Lot specific

Buffer: PBS, 0.09 % sodium azide, 2 % sucrose

Preservative: Sodium azide

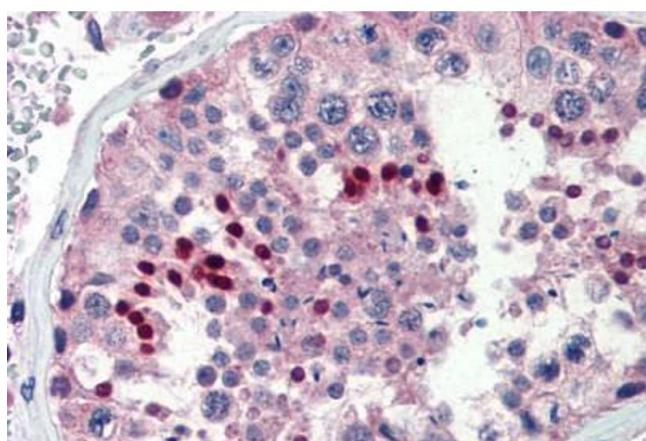
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

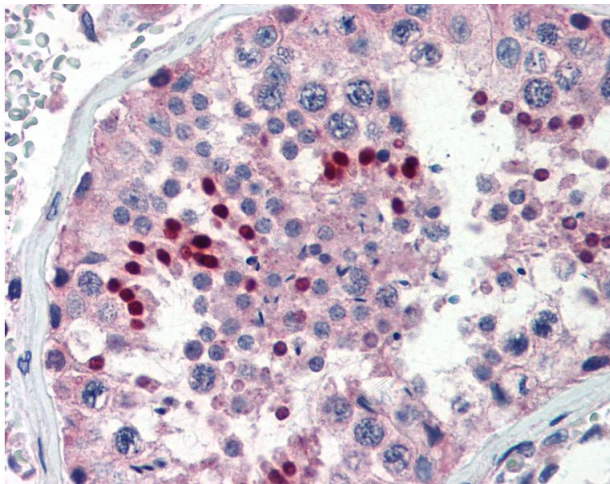
Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Human Testis (formalin-fixed, paraffin-embedded) stained with NR0B1 antibody ABIN462167 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



#### Immunohistochemistry

**Image 2.** Anti-DAX1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other form ...