

Datasheet for ABIN1048492

## anti-NR0B1 antibody (C-Term)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	NR0B1
Binding Specificity:	C-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR0B1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic 20 amino acid peptide from C-terminus of human DAX1. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Orangutan, Monkey (100%), Gorilla (95%), Gibbon (90%), Marmoset (85%).  Type of Immunogen: Synthetic peptide
Specificity:	Human DAX1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Predicted Reactivity:	Percent identity with other species by BLAST analysis: Human, Chimpanzee, Orangutan, Monkey (100%) Gorilla (95%) Gibbon (90%) Marmoset (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
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:	Approved: IHC, IHC-P (11 µg/mL)
Comment:	Target Species of Antibody: Human
Assay Procedure:	<p><b>The IHC-pro Immunohistochemistry Protocol</b></p> <p><b>Tissue Preparation</b></p> <p>Formalin fixation and embedding in paraffin wax</p> <p><b>Tissue Sectioning</b></p> <p>Make 4-µm sections and place on pre-cleaned and charged microscope slides.</p> <p>Heat in a tissue-drying oven for 45 minutes at 60°C</p> <p>Deparaffinization</p> <p>Wash slides in 3 changes of xylene – 5 minutes each at room temperature.</p> <p><b>Rehydration</b></p> <p>Wash slides in 3 changes of 100% alcohol – 3 minutes each at room temperature.</p> <p>Wash slides in 2 changes of 95% alcohol – 3 minutes each at room temperature.</p> <p>Wash slides in 1 change of 80% alcohol – 3 minutes at room temperature.</p> <p>Rinse slides in gentle running distilled water – 5 minutes at room temperature.</p>

**Antigen retrieval**

Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes  
Remove from heat and let stand at room temperature in buffer - 20 minutes  
Rinse in 1X TBS with Tween (TBST) – 1 minute at room temperature.

**Immunostaining**

Do not allow tissues to dry at any time during the staining procedure.  
Apply a universal protein block – 20 minutes at room temperature.  
Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature.  
Rinse slides in 1X TBST - 1 minute at room temperature.  
Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature.  
Rinse slides 1X TBST – 1 minute at room temperature.  
Apply alkaline phosphatase streptavidin – 30 minutes at room temperature.  
Rinse slides in 1X TBST - 1 minute at room temperature.  
Apply alkaline phosphatase chromogen substrate – 30 minutes at room temperature.  
Wash slides in distilled water – 1 minute at room temperature.

**Dehydrate**

This method should only be used if the chromogen substrate is alcohol insoluble.  
Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature.  
Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature.  
Wash slides in 3 changes of 100% alcohol – 1 minute each at room temperature.  
Wash slides in 3 changes of xylene – 1 minute each at room temperature.  
Apply coverslip

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Restrictions:	For Research Use only
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Handling

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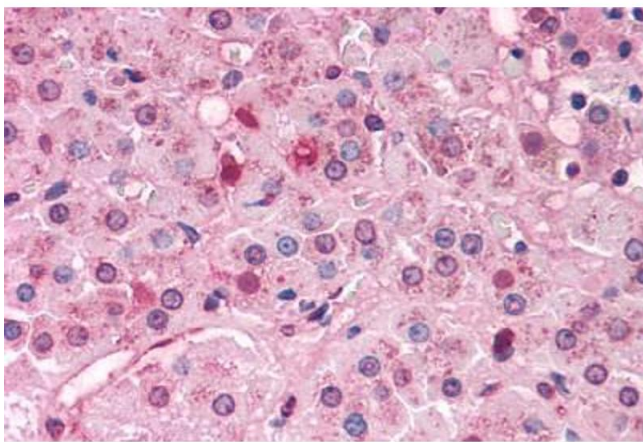
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide

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## Handling

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:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry

**Image 1.** Anti-DAX1 antibody ABIN1048492 IHC staining of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.