

Datasheet for ABIN2777385

anti-NR0B1 antibody (Middle Region)



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2 Images

Overview

Quantity:	100 µL
Target:	NR0B1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR0B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NR0B1
Sequence:	QAIKCFLSKC WSLNISTKEY AYLKGTVLFN PDVPGLCVK YIQGLQWGTO
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against NR0B1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NR0B1
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Target Details

Alternative Name:	NR0B1 (NR0B1 Products)
Background:	NR0B1 is a protein that contains a DNA-binding domain. The protein acts as 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 its gene result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism. This gene encodes a protein that contains a DNA-binding domain. The encoded protein acts as 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. This gene encodes a protein that contains a DNA-binding domain. The encoded protein acts as 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: AHC, AHCH, AHX, DAX-1, DAX1, DSS, GTD, HHG, NR0B1, SRXY2 Protein Interaction Partner: NR5A1, ESRRG, RORA, RNF31, UBC, NR3C1, ESRR, SNW1, PPARG, POU5F1, PGR, AR, COPS2, NRIP1, ESR2, SREBF1, ESR1, Protein Size: 470
Molecular Weight:	52 kDa
Gene ID:	190
NCBI Accession:	NM_000475 , NP_000466
UniProt:	Q9BG96
Pathways:	Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

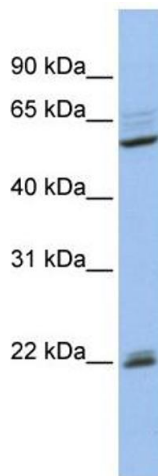
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 470 AA
Restrictions:	For Research Use only

Handling

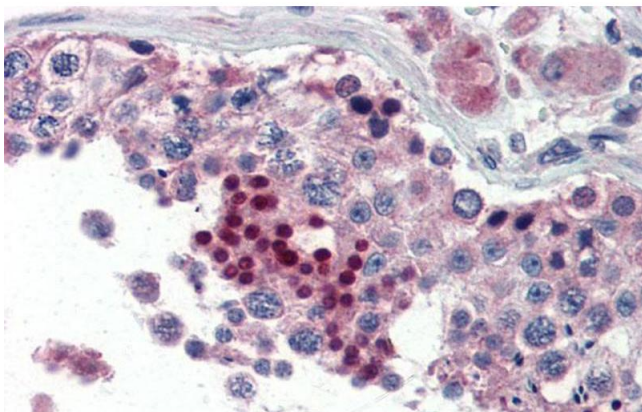
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NR0B1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate



Immunohistochemistry

Image 2. Immunohistochemistry with Human Testis lysate tissue at an antibody concentration of 5.0ug/ml using anti-NR0B1 antibody (ARP31632_P050)