Datasheet for ABIN2783188

anti-NR0B1 antibody (N-Term)

1 Image

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Overview

Quantity:	100 µL
Target:	NR0B1
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR0B1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NR0B1
Sequence:	MAGENHQWQG SILYNMLMSA KQTRAAPEAP ETRLVDQCWG CSCGDEPGVG
Predicted Reactivity:	Dog: 86%, Horse: 92%, Human: 100%
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
Alternative Name:	NR0B1 (NR0B1 Products)

Target Details

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, NROB1, SRXY2 Protein Interaction Partner: NR5A1, ESRRG, RORA, RNF31, UBC, NR3C1, ESRRA, 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:	P51843
Pathways:	Nuclear Receptor Transcription Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling

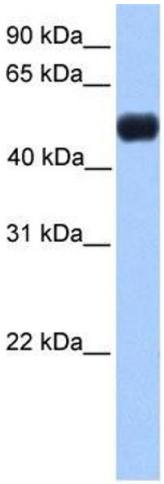
Application Details

Application Notes:	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 Positive Control: Transfected 293T