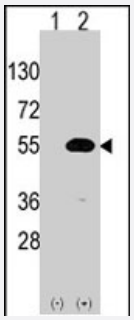
NR0B1 polyclonal antibody

Catalog # PAB2545 Size 400 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of NROB1 (arrow) using rabbit NR0B1 polyclonal antibody (Cat # PAB2545). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the NROB1 gene (Lane 2) (Origene Technologies).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NR0B1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human NR0B1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — NR0B1

Entrez GeneID	190
Protein Accession#	NP_000466;P51843
Gene Name	NR0B1
Gene Alias	AHC, AHCH, AHX, DAX-1, DAX1, DSS, GTD, HHG, NROB1
Gene Description	nuclear receptor subfamily 0, group B, member 1
Omim ID	300018 300200 300473
Gene Ontology	Hyperlink
Gene Summary	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 gen e result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism. [pr ovided by RefSeq
Other Designations	OTTHUMP00000023102|gonadotropin deficiency|nuclear hormone receptor

Publication Reference

- A novel mutation in DAX1 gene causing different phenotypes in three siblings with adrenal hypoplasia congenita.

  Calliari LE, Longui CA, Rocha MN, Faria CD, Kochi C, Melo MR, Melo MB, Monte O.

  Genetics and Molecular Research 2007 May; 6(2):277.

- NR0B1 is required for the oncogenic phenotype mediated by EWS/FLI in Ewing's sarcoma.

  Kinsey M, Smith R, Lessnick SL.

  Molecular Cancer Research 2006 Nov; 4(11):851.

  Application: WB-Tr, Human, TC71, EWS502, A673 cells