

DAX1 (NR0B1) Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP2708a

Specification

DAX1 (NR0B1) Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P51843
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	51718
Antigen Region	4-34

DAX1 (NR0B1) Antibody (N-term) - Additional Information

Gene ID 190

Other Names

Nuclear receptor subfamily 0 group B member 1, DSS-AHC critical region on the X chromosome protein 1, Nuclear receptor DAX-1, NR0B1, AHC, DAX1

Target/Specificity

This DAX1 (NR0B1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 4-34 amino acids from the N-terminal region of human DAX1 (NR0B1).

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DAX1 (NR0B1) Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DAX1 (NR0B1) Antibody (N-term) - Protein Information

Name NR0B1

Synonyms AHC, DAX1

Function Orphan nuclear receptor. Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis. Acts as a coregulatory protein that inhibits the transcriptional activity of other nuclear receptors through heterodimeric interactions. May also have a role in the development of the embryo and in the maintenance of embryonic stem cell pluripotency (By similarity).

Cellular Location

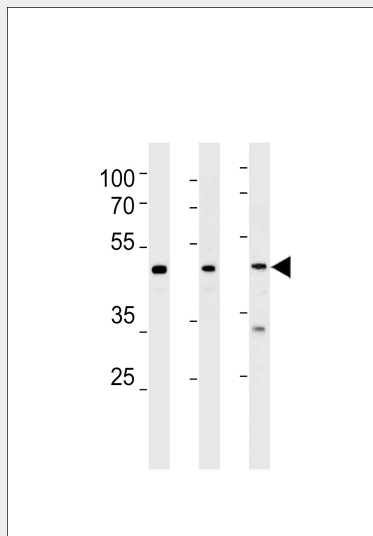
Nucleus. Cytoplasm. Note=Shuttles between the cytoplasm and nucleus. Homodimers exits in the cytoplasm and in the nucleus

DAX1 (NR0B1) Antibody (N-term) - Protocols

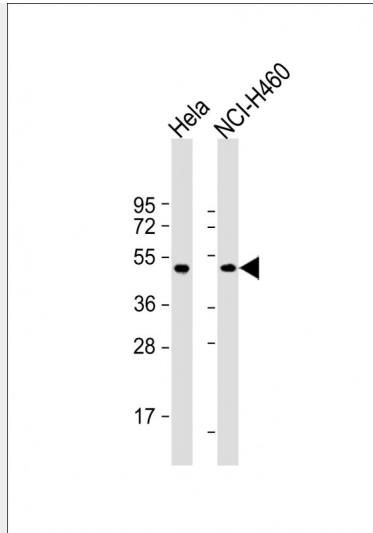
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DAX1 (NR0B1) Antibody (N-term) - Images



NROB1 Antibody (N-term) (Cat. #AP2708a) western blot analysis in HeLa, NCI-H292, PC-3 cell line lysates (35ug/lane). This demonstrates the NROB1 antibody detected the NROB1 protein (arrow).



All lanes : Anti-NROB1 Antibody (N-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: NCI-H460 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 52 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

DAX1 (NROB1) Antibody (N-term) - Background

NROB1 contains a DNA-binding domain and 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 the gene for NROB1 result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism.

DAX1 (NROB1) Antibody (N-term) - References

Calliari, L.E., Genet. Mol. Res. 6 (2), 177-183 (2007)
Kinsey, M., Mol. Cancer Res. 4 (11), 851-859 (2006)