

DAX1 (NR0B1) Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP2708a**Specification**

DAX1 (NR0B1) Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P51843](#)**DAX1 (NR0B1) Antibody (N-term) Blocking peptide - 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

The synthetic peptide sequence used to generate the antibody [AP2708a](/product/products/AP2708a) was selected from the N-term region of human NR0B1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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

Name NR0B1

Synonyms AHC, DAX1 {ECO:0000303|PubMed:26416531}

Function

Nuclear receptor that lacks a DNA-binding domain and acts as a corepressor that inhibits the transcriptional activity of other nuclear receptors through heterodimeric interactions (PubMed: [12482977](http://www.uniprot.org/citations/12482977), PubMed: [32433991](http://www.uniprot.org/citations/32433991)). Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis (PubMed: [7990953](http://www.uniprot.org/citations/7990953), PubMed: [8675564](http://www.uniprot.org/citations/8675564)). 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 exists in the cytoplasm and in the nucleus

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

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

- [Blocking Peptides](#)

DAX1 (NR0B1) Antibody (N-term) Blocking peptide - Images**DAX1 (NR0B1) Antibody (N-term) Blocking peptide - Background**

NR0B1 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 NR0B1 result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism.

DAX1 (NR0B1) Antibody (N-term) Blocking peptide - References

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