

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

### Specification

#### **DAX1 (NR0B1) Antibody (N-term) Blocking peptide - Product Information**

Primary 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 <a href=/product/products/AP2708a>AP2708a</a> 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:<a href="http://www.uniprot.org/citations/12482977" target="\_blank">12482977</a>, PubMed:<a href="http://www.uniprot.org/citations/32433991" target="\_blank">32433991</a>). Component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis (PubMed:<a href="http://www.uniprot.org/citations/7990953" target="\_blank">7990953</a>, PubMed:<a href="http://www.uniprot.org/citations/8675564" target="\_blank">8675564</a>). 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) 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**

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 (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)