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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 AP2708a was selected from the N-term region of human NROB1. 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

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

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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)