

Datasheet for ABIN6971572
anti-NR0B1 antibody (AA 135-166)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NR0B1
Binding Specificity:	AA 135-166
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NR0B1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	This DAX-1 / NR0B1 antibody was raised against a peptide corresponding to amino acids 135-166 of human DAX-1 / NR0B1.
Clone:	1DA-2F4
Isotype:	IgG1 kappa
Characteristics:	DAX-1 (DSS-AHC critical region on the X chromosome protein 1, NR0B1, Nuclear receptor subfamily 0 group B member 1) is an orphan nuclear receptor and a component of a cascade required for the development of the hypothalamic-pituitary-adrenal-gonadal axis. DAX-1 / NR0B1 inhibits the transcriptional activity of other nuclear receptors through heterodimeric interactions. It may also have a role in embryonic development and in the maintenance of embryonic stem cell pluripotency as it up-regulates Oct-4 expression ES cells. Defects in DAX-1

Product Details

are a cause of dosage-sensitive sex reversal (DSSR) and X-linked adrenal hypoplasia congenital (XL-AHC). DSSR results from a duplication of the region of the X-chromosome containing DAX-1, resulting in males with two copies of DAX-1, which inhibits normal testis formation, and thus XY individuals develop as females. XL-AHC is a developmental disorder of the adrenal gland, characterized by a structural disorganization of the glands. Hypogonadotropic hypogonadism (HHG) is frequently associated with this disorder. HHG is a condition resulting from or characterized by abnormally decreased gonadal function, with retardation of growth and sexual development. DAX-1 / NR0B1 antibody (mAb) (Clone 1DA-2F4) was raised in a Mouse host. It has been validated for use in Immunocytochemistry, Immunofluorescence, Immunohistochemistry and Western blot, it has been shown to react with Human, Mouse and Rat samples.

Purification: Protein A Chromatography

Target Details

Target:	NR0B1
Alternative Name:	DAX-1 / NR0B1 (NR0B1 Products)
Molecular Weight:	52 kDa
NCBI Accession:	NP_000466
Pathways:	Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Purified IgG in 60 mM Sodium Citrate, 105 mM Tris-HCl, 30 % glycerol, and 0.035 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.