NR0B1 Polyclonal Antibody

Catalog No	YP-Ab-06843
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	NR0B1 AHC DAX1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	NR0B1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AHC;AHCH;AHX;DAX 1;DAX1;DSS;GTD;HHG;NR0B1;NROB1;Nuclear receptor DAX 1;NR0B1 AHC DAX1;Nuclear receptor subfamily 0 group B member 1 (DSS-AHC critical region on the X chromosome protein 1) (Nuclear receptor DAX-1)
Observed Band	54 kDa
Calculated Molecular Weight	470 aa, 52 kDa
Cell Pathway	Nucleus . Cytoplasm . Shuttles between the cytoplasm and nucleus. Homodimers exits in the cytoplasm and in the nucleus.
Tissue Specificity	Lung,
Function	disease:Defects in NR0B1 are the cause of X-linked adrenal hypoplasia congenital (AHC) [MIM:300200]. AHC is a developmental disorder of the adrenal gland that results in profound hormonal deficiencies and is lethal if untreated. It is characterized by the absence of the permanent zone of the adrenal cortex and 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.,disease:XY individuals with a duplication of part of the short arm of the X chromosome and

	an intact SRY gene show dosage-sensitive sex reversal (DSS) [MIM:300018]. The single X chromosome in these individuals does not undergo X-chromosome inactivation; therefore, these individuals presumably carry 2 active copies
Background	This gene encodes a protein that contains a DNA-binding domain. The encoded protein 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 this gene result in both X-linked congenital adrenal hypoplasia and hypogonadotropic hypogonadism. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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