

Datasheet for ABIN7599889
anti-NR0B1 antibody (AA 126-404)



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Overview

Quantity:	100 µg
Target:	NR0B1
Binding Specificity:	AA 126-404
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR0B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-DAX-1/NR0B1 Antibody Picoband®
Immunogen:	E.coli-derived human DAX-1/NR0B1 recombinant protein (Position: V126-Q404).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-DAX-1/NR0B1 Antibody Picoband® (ABIN7599889). Tested in ELISA, IF, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	NR0B1
Alternative Name:	NR0B1 (NR0B1 Products)
Background:	Synonyms: Natural cytotoxicity triggering receptor 1, Lymphocyte antigen 94 homolog, NK cell-activating receptor, Natural killer cell p46-related protein, NK-p46, NKp46, hNKp46, CD335, NCR1, LY94 Tissue Specificity: Selectively expressed by both resting and activated NK cells. Background: DAX1 (dosage-sensitive sex reversal, adrenal hypoplasia critical region, on chromosome X, gene 1) is a nuclear receptor protein that in humans is encoded by the NR0B1 gene (nuclear receptor subfamily 0, group B, member 1). 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.
Molecular Weight:	48 kDa
Gene ID:	190
UniProt:	P51843
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:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Achermann, J. C., Gu, W.-X., Kotlar, T. J., Meeks, J. J., Sabacan, L. P., Seminara, S. B., Habiby, R. L., Hindmarsh, P. C., Bick, D. P., Sherins, R. J., Crowley, W. F., Jr., Layman, L. C., Jameson, J. L. Mutational analysis of DAX1 in patients with hypogonadotropic hypogonadism or pubertal delay. J. Clin. Endocr. Metab. 84: 4497-4500, 1999. 2. Achermann, J. C., Ito, M., Ito, M., Hindmarsh, P. C., Jameson, J. L. A mutation in the gene encoding steroidogenic factor-1 causes XY sex reversal and adrenal failure in humans. (Letter) Nature Genet. 22: 125-126, 1999. 3. Achermann, J. C., Silverman, B. L., Habiby, R. L., Jameson, J. L. Presymptomatic diagnosis of X-linked adrenal hypoplasia congenita by analysis of DAX1. J. Pediatr. 137: 878-881, 2000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.