Data Sheet (Cat.No.TMAC-02887)

TargetMol

Anti-NR0B1 Antibody (2T380)

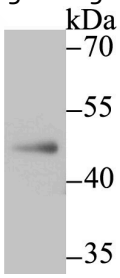
Product Details

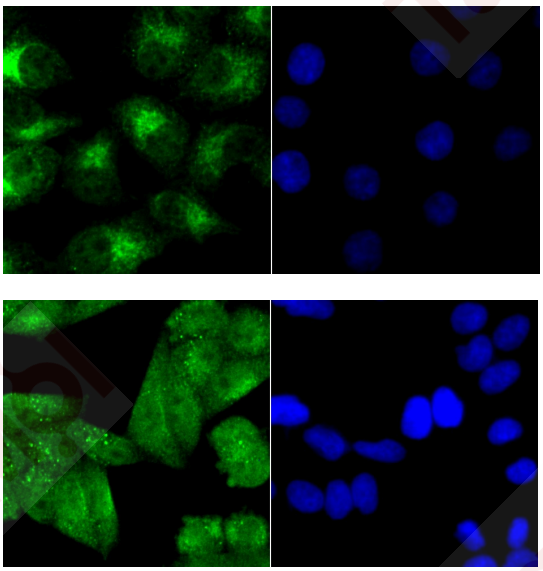
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 52 kDa.
Clone:	2T380
Purification:	ProA affinity purified

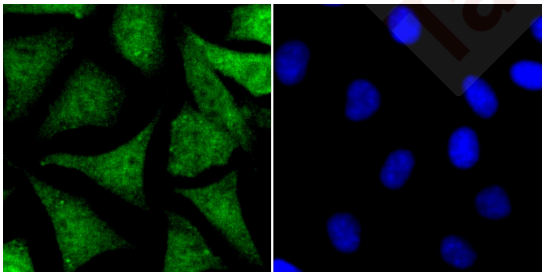
Applications

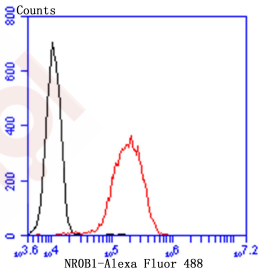
Verified Activity:

1. Western blot analysis of NR0B1 on A549 cell lysate using anti-NR0B1 antibody at 1/500 dilution.
2. ICC staining NR0B1 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
3. ICC staining NR0B1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
4. ICC staining NR0B1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
5. Flow cytometric analysis of A549 cells with NR0B1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.









Application:	FCM,ICC,WB
Recommended	WB: 1:500; ICC: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P51843
Synonyms:	DAX 1;NR0B1_HUMAN;AHX;SRXY2;Nuclear receptor DAX1;Nuclear receptor DAX 1;DSS;DAX1; DSS-AHC critical region on the X chromosome protein 1;Nr0b1;Nuclear receptor subfamily 0 group B member 1;AHCH;Nuclear receptor DAX-1;HHG;Nuclear receptor 0B1;DSS AHC critical region on the X chromosome protein 1;GTD;NROB1;Nuclear hormone receptor;AHC;Dosage sensitive sex reversal

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481