Datasheet for ABIN655027

anti-NR0B2 antibody (AA 56-83)

4 Images

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Overview

Quantity:	400 µL
Target:	NR0B2
Binding Specificity:	AA 56-83
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR0B2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This NR0B2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-83 amino acids from the Central region of human NR0B2.
Clone:	RB29166
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	NR0B2
Alternative Name:	NR0B2 (NR0B2 Products)

Target Details

Background:	The protein encoded by this gene is an unusual orphan receptor that contains a putative ligand-binding domain but lacks a conventional DNA-binding domain. The gene product is a member of the nuclear hormone receptor family, a group of transcription factors regulated by small hydrophobic hormones, a subset of which do not have known ligands and are referred to as orphan nuclear receptors. The protein has been shown to interact with retinoid and thyroid hormone receptors, inhibiting their ligand-dependent transcriptional activation. In addition, interaction with estrogen receptors has been demonstrated, leading to inhibition of function. Studies suggest that the protein represses nuclear hormone receptor-mediated transactivation via two separate steps: competition with coactivators and the direct effects of its transcriptional repressor function.
Molecular Weight:	28058
Gene ID:	8431
NCBI Accession:	NP_068804
UniProt:	Q15466
Pathways:	Nuclear Receptor Transcription Pathway, Positive Regulation of Peptide Hormone Secretion, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

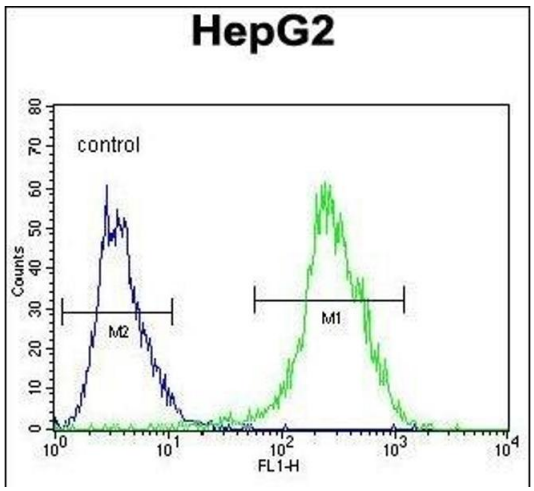
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Handling

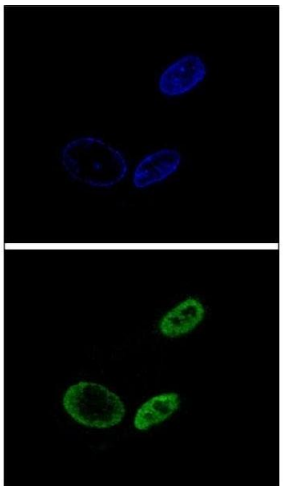
Expiry Date:	6 months

Images



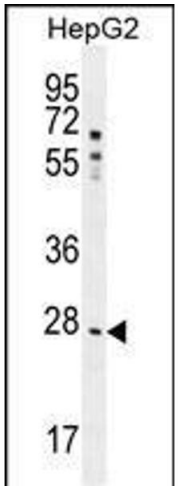
Flow Cytometry

Image 1. NR0B2 Antibody (Center) (ABIN655027 and ABIN2844658) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of NR0B2 Antibody (Center) (ABIN655027 and ABIN2844658) with HepG2 cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. NR0B2 Antibody (Center)(PEI 1:100) (ABIN655027 and ABIN2844658) western blot analysis in HepG2 cell line lysates (35 µg/lane).This demonstrates the NR0B2 antibody detected the NR0B2 protein (arrow).

Please check the product details page for more images. Overall 4 images are available for ABIN655027.