

Rabbit anti-Human NR0B2 Polyclonal Antibody | anti-NR0B2 antibody

NR0B2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289683	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

NR0B2; Polyclonal Antibody; NR0B2 Antibody (Center); Nuclear receptor subfamily 0 group B member 2; Orphan nuclear receptor SHP; Small heterodimer partner; SHP; anti-NR0B2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	56-83
Sequence Length	257
Applicable Applications for anti-NR0B2 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

NR0B2 Antibody (Center) 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.



IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

NR0B2 antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NR0B2 antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-NR0B2 antibody	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.
Product Categories/Family for anti-NR0B2 antibody	Signal Transduction
References	Zhou, T., et al. J. Biol. Chem. 285(32):24871-24881(2010) Roberts, K.E., et al. Gastroenterology 139(1):130-139(2010) Kim, K., et al. Biochem. J. 427(3):413-422(2010) Yang, Z., et al. J. Int. Med. Res. 38(1):142-149(2010) Ondracek, C.R., et al. J. Virol. 83(23):12535-12544(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13259503
NCBI GeneID	8431
NCBI Accession #	NP_068804.1
NCBI GenBank Nucleotide #	NM_021969.2
UniProt Accession #	Q15466 ; Q5QP36 ; F1D8P5
Molecular Weight	28058
NCBI Official Full Name	nuclear receptor subfamily 0 group B member 2
NCBI Official Synonym Full Names	nuclear receptor subfamily 0, group B, member 2
NCBI Official Symbol	NR0B2
NCBI Official Synonym Symbols	SHP; SHP1
NCBI Protein Information	nuclear receptor subfamily 0 group B member 2
UniProt Protein Name	Nuclear receptor subfamily 0 group B member 2
UniProt Gene Name	NR0B2
UniProt Synonym Gene Names	SHP
UniProt Entry Name	NR0B2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nr0b2-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/289683>