

Rabbit NR0B2 Polyclonal Antibody | anti-NR0B2 antibody

NR0B2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199584	Rabbit	Dog, Guinea Pig, Horse, Human, Rabbit, Rat	Western Blot, Immunohistochemistry

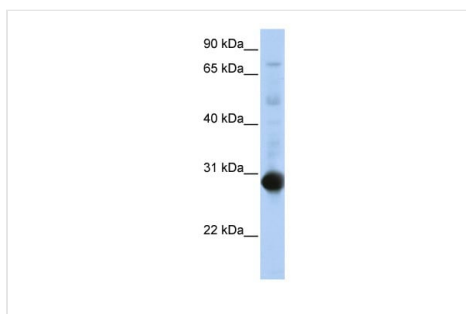
PRODUCT SYNONYMS

NR0B2; Polyclonal Antibody; NR0B2 antibody - middle region; anti-NR0B2 antibody

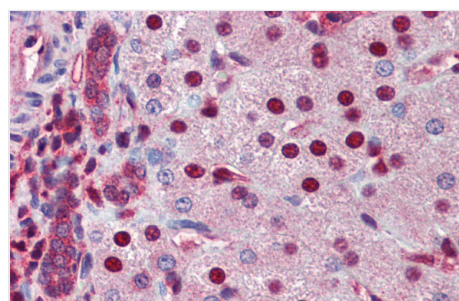
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AE APVPSILKKI LLEPSSSGG SGQLPDRPQP SLAAVQWLQC CLESFWSL
Sequence Length	257
Applicable Applications for anti-NR0B2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 100%; Guinea Pig: 86%; Horse: 92%; Human: 100%; Rabbit: 100%; Rat: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NR0B2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-NR0B2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Transfected 293T


IHC (Immunohistochemistry)

Immunohistochemistry with Human Liver cell lysate tissue at an antibody concentration of 5.0ug/ml using anti-NR0B2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NR0B2 antibody	This is a rabbit polyclonal antibody against NR0B2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: NR0B2 is an unusual orphan receptor that contains a putative ligand-binding domain but lacks a conventional DNA-binding domain. It 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-NR0B2 antibody	Polyclonal ; Transcription Factor ; RNA Binding Proteins ; Transcription Regulation ; Drugs and Drug Metabolism ; Chromatin & Nuclear Signaling ; DNA/RNA/Protein Interactions ; Immunohistochemistry ; Receptors ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	13259503
NCBI GeneID	8431
NCBI Accession #	NP_068804
NCBI GenBank Nucleotide #	NM_021969
UniProt Accession #	Q15466
Molecular Weight	28kDa
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.