

Rabbit NR1H2 Polyclonal Antibody | anti-NR1H2 antibody

NR1H2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322951	Rabbit	Human, Mouse, Rat, Pig	Immunohistochemistry, Western Blot

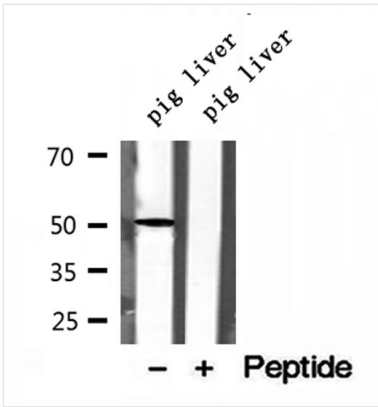
PRODUCT SYNONYMS

NR1H2; Polyclonal Antibody; NR1H2 Antibody; Liver X nuclear receptor beta; Liver X receptor beta; LX receptor beta; LXR b; LXR beta; LXRB; NER; NER I; NER1; NR1H 2; NR1H2_HUMAN; Nuclear orphan receptor LXR beta; Nuclear receptor NER; Nuclear receptor subfamily 1 group H member 2; OR-1; Oxysterols receptor LXR-beta; RIP15; Steroid hormone nuclear receptor NER; Ubiquitously-expressed nuclear receptor; UNR; anti-NR1H2 antibody

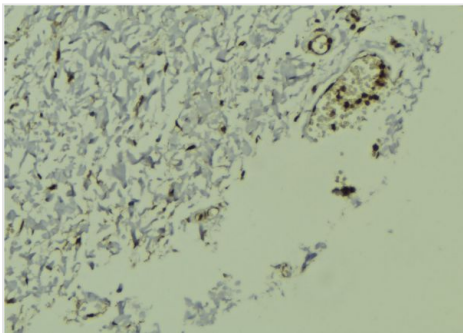
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Isotype	IgG
Specificity	NR1H2 antibody detects endogenous levels of NR1H2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	364
Applicable Applications for anti-NR1H2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NR1H2.
Subcellular Location	Nucleus.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of pig liver tissue, using NR1H2 antibody.



IHC (Immunohistochemistry)
AAA322951 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NR1H2 antibody	Function: Nuclear receptor that exhibits a ligand-dependent transcriptional activation activity (PubMed:25661920). Binds preferentially to double-stranded oligonucleotide direct repeats having the consensus half-site sequence 5'-AGGTCA-3' and 4-nt spacing (DR-4). Regulates cholesterol uptake through MYLIP-dependent ubiquitination of LDLR, VLDLR and LRP8; DLDLR and LRP8. Interplays functionally with RORA for the regulation of genes involved in liver metabolism (By similarity). Plays an anti-inflammatory role during the hepatic acute phase response by acting as a corepressor: inhibits the hepatic acute phase response by preventing dissociation of the N-Cor corepressor complex (PubMed:20159957). Subunit Structure: Forms a heterodimer with RXR. Interacts with CCAR2 (via N-terminus) in a ligand-independent manner (PubMed:25661920). Interacts (when sumoylated) with GPS2; interaction with GPS2 onto hepatic acute phase protein promoters prevents N-Cor corepressor complex dissociation (PubMed:20159957). Post-translational Modifications: Sumoylated by SUMO2 at Lys-409 and Lys-447 during the hepatic acute phase response, leading to promote interaction with GPS2 and prevent N-Cor corepressor complex dissociation. Similarity: Belongs to the nuclear hormone receptor family. NR1 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	375331888
NCBI GeneID	7376
NCBI Accession #	NP_001243576.1
NCBI GenBank Nucleotide #	NM_001256647.1
UniProt Accession #	P55055; Q12970; Q5I0Y1; A8K490; B4DNM6; E7EWA6
Molecular Weight	Observed: 51 kDa Predicted: 51 kDa
NCBI Official Full Name	oxysterols receptor LXR-beta isoform 2
NCBI Official Synonym Full Names	nuclear receptor subfamily 1 group H member 2
NCBI Official Symbol	NR1H2
NCBI Official Synonym Symbols	NER; UNR; LXRB; LXR-b; NER-I; RIP15
NCBI Protein Information	oxysterols receptor LXR-beta
UniProt Protein Name	Oxysterols receptor LXR-beta
UniProt Gene Name	NR1H2
UniProt Synonym Gene Names	LXRB; NER; UNR

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/nr1h2-antibody-immunohistochemistry-western-blot-elisa/322951>