

Datasheet for ABIN2780709
anti-NR1H3 antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	NR1H3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Goat, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NR1H3
Sequence:	IHHPHDRLMF PRMLMKLVSL RTLSSVHSEQ VFALRLQDKK LPPLLSEIWD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against NR1H3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NR1H3
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Target Details

Alternative Name:	NR1H3 (NR1H3 Products)
Background:	<p>Interaction of NR1H3 with RXR shifts RXR from its role as a silent DNA-binding partner to an active ligand-binding subunit in mediating retinoid responses through target genes defined by LXRES. NR1H3 are DR4-type response elements characterized by direct repeats of two similar hexanuclotide half-sites spaced by four nucleotides. NR1H3 Plays an important role in the regulation of cholesterol homeostasis.</p> <p>Alias Symbols: LXR-a, LXRA, RLD-1</p> <p>Protein Interaction Partner: RXRG, RXRB, MDFI, SUV39H1, KDM1A, BARD1, MSTO1, HSP90AA1, PIAS1, APP, NR3C1, MYC, ZXDC, TMEM161A, ING3, NCOA6, NCOR1, KAT2B, EIF3I, NRIP1, NCOA3, SRC, RXRA, FOXO3, ACTN1, SS18L1, LZTR1, EDF1, RARA, NR0B2, SYT1, PPARA, SIRT1, UBC, CEP350,</p> <p>Protein Size: 447</p>
Molecular Weight:	50 kDa
Gene ID:	10062
NCBI Accession:	NM_005693 , NP_005684
UniProt:	Q13133
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Nuclear Hormone Receptor Binding , Cellular Response to Molecule of Bacterial Origin , Hepatitis C

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 447 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Schiene-Fischer, Yu: "Receptor accessory folding helper enzymes: the functional role of peptidyl prolyl cis/trans isomerases." in: FEBS letters , Vol. 495, Issue 1-2, pp. 1-6, (2001) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-NR1H3 Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate



Western Blotting

Image 2. Host: Mouse Target Name: NR1H3 Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml