

Datasheet for ABIN2780830
anti-NR1H2 antibody (N-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	NR1H2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NR1H2
Sequence:	GNPQPQPGAP SSSPTVKEEG PEPWPGGPDV DVPGTDEASS ACSTDWVIPD
Predicted Reactivity:	Dog: 90%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against NR1H2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	NR1H2
Alternative Name:	NR1H2 (NR1H2 Products)

Target Details

Background:	<p>The LX receptors (LXRs) were originally identified as orphan members of the nuclear receptor superfamily because their ligands were unknown. Like other receptors in the family, LXRs heterodimerize with retinoid X receptor and bind to specific response elements (LXREs) characterized by direct repeats separated by 4 nucleotides. Two genes, alpha (LXRA) and beta, are known to encode LXR proteins. The LX receptors (LXRs) were originally identified as orphan members of the nuclear receptor superfamily because their ligands were unknown. Like other receptors in the family, LXRs heterodimerize with retinoid X receptor (see MIM 180245) and bind to specific response elements (LXREs) characterized by direct repeats separated by 4 nucleotides. Two genes, alpha (LXRA, MIM 602423) and beta, are known to encode LXR proteins (Song et al., 1995).[supplied by OMIM].</p> <p>Alias Symbols: LXR-b, LXRB, NER, NER-I, RIP15, UNR</p> <p>Protein Interaction Partner: RXRG, MDFI, KDM1A, SUV39H1, ACVRL1, LAMC3, NCOR2, YY1, NPY, CDKN1A, PPARGC1B, PDCD4, PIAS1, USP7, PRKCA, SENP3, CORO2A, MPP1, COL4A5, CHD3, RMI1, CSAD, DUSP12, C14orf1, FAF1, SPRY2, HMGXB4, SORBS2, BAG6, VIM, UBE2D1, SMPD1, ROBO2, NCOR1, NRIP1, NCOA3, VDR</p> <p>Protein Size: 460</p>
Molecular Weight:	51 kDa
Gene ID:	7376
NCBI Accession:	NM_007121 , NP_009052
UniProt:	Q68CY8
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Nuclear Hormone Receptor Binding

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 460 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 %

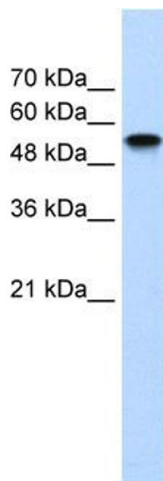
Handling

	sucrose.
Preservative:	Sodium azide
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:	Rind, Schmeiser, Thiel, Absmanner, Lübbehusen, Hocks, Apeshiotis, Wilichowski, Lehle, Körner: "A severe human metabolic disease caused by deficiency of the endoplasmatic mannosyltransferase hALG11 leads to congenital disorder of glycosylation-Ip." in: Human molecular genetics , Vol. 19, Issue 8, pp. 1413-24, (2010) (PubMed).
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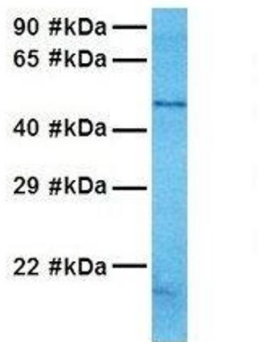
Images



Western Blotting

Image 1. WB Suggested Anti-NR1H2 Antibody Titration: 1.25ug/ml ELISA Titer: 1:62500 Positive Control: Transfected 293T

NR1H2



Western Blotting

Image 2. Host: Rabbit Target Name: NR1H2 Sample Tissue:
Human 721_B Antibody Dilution: 1.0ug/ml