

Datasheet for ABIN2782294
anti-NR1D1 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	NR1D1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Horse, Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1D1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NR1D1
Sequence:	SQVARAHREI FTYAHDKLGS SPGNFNANHA SGSPPATTPH RWENQGCPA
Predicted Reactivity:	Cow: 86%, Dog: 100%, Horse: 85%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 92%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against NR1D1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NR1D1
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Target Details

Alternative Name:	NR1D1 (NR1D1 Products)
Background:	NR1D1 belongs to the nuclear hormone receptor family, NR1 subfamily. It contains 1 nuclear receptor DNA-binding domain. NR1D1 functions as a constitutive transcriptional repressor. It is a possible receptor for triiodothyronine. Alias Symbols: EAR1, THRA1, THRAL, ear-1, hRev Protein Interaction Partner: INPP1, C1D, NCOR2, APP, UBC, NCOR1, MYCBP2, HUWE1, HDAC3, NR2E3, NR1D1, NR1D2, Protein Size: 614
Molecular Weight:	67 kDa
Gene ID:	9572
NCBI Accession:	NM_021724 , NP_068370
UniProt:	P20393
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Cellular Response to Molecule of Bacterial Origin , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 614 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
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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-NR1D1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T