

Datasheet for ABIN2792564
anti-NR3C2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NR3C2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR3C2 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 NR3C2
Sequence:	VSDLLEFCFY TFRESHALKV EFPAMLVEII SDQLPKVESG NAKPLYFHRK
Cross-Reactivity:	Chicken, Human, Mouse (Murine), Rat (Rattus)
Predicted Reactivity:	Cow: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NR3C2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NR3C2
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Target Details

Alternative Name:	NR3C2 (NR3C2 Products)
Background:	NR3C2 is a receptor for both mineralocorticoids (MC) such as aldosterone and glucocorticoids (GC) such as corticosterone or cortisol. It binds to mineralocorticoid response elements (MRE) and transactivates target genes. The effect of MC is to increase ion and water transport and thus raise extracellular fluid volume and blood pressure and lower potassium levels. Alias Symbols: MR, MCR, MLR, FLJ41052, NR3C2VIT, MGC133092, NR3C2 Protein Interaction Partner: RABAC1, RXRA, HSP90AA1, ACSL1, UBC, SRC, PPP5C, PPID, FKBP5, FKBP4, STUB1, AIP, TRIM24, NRIP1, DNAJC7, CAND1, SUMO1, UBE2I, EIF3I, PROX1, PIAS1, PIAS3, HSPA4, PTGES3, AR, NR3C1, ACTA1, ACTG1, Protein Size: 867
Molecular Weight:	94 kDa
Gene ID:	4306
NCBI Accession:	NM_001166104 , NP_001159576
UniProt:	B0ZBF5
Pathways:	ACE Inhibitor Pathway , Nuclear Receptor Transcription Pathway , Intracellular Steroid Hormone Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	WB Suggested Anti-NR3C2 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: PANC1 cell lysate. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 867 AA
Restrictions:	For Research Use only

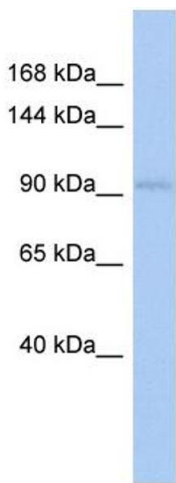
Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-NR3C2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: PANC1 cell lysate