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NR3C2 (vPair™) Antibodies

Cat#: R1946-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 107 kDa

Uniprot ID: P08235

Application: WB

Quantity: 50 ul NR3C2 (N) (R1946-1) Rabbit Polyclonal Antibody &

50 ul NR3C2 (C) (R1946-2) Rabbit Polyclonal Antibody

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

Background:

NR3C2 is the receptor for both mineralocorticoids (MC) such as aldosterone and glucocorticoids (GC) such as corticosterone or cortisol. NR3C2 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. Defects in NR3C2 are a cause of pseudohypoaldosteronism 1, autosomal dominant. Defects in NR3C2 can also cause early-onset hypertension with severe exacerbation in pregnancy.

Other Names:

Mineralocorticoid receptor, MR, Nuclear receptor subfamily 3 group C member 2, MCR, MLR

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing either the N-terminal [NR3C2 (N) (R1946-1)] or the C-terminal [NR3C2 (C) (R1946-2)] region of human NR3C2. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

Species Specificity:

NR3C2 (N) (R1946-1): Human, Mouse

NR3C2 (C) (R1946-2): Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

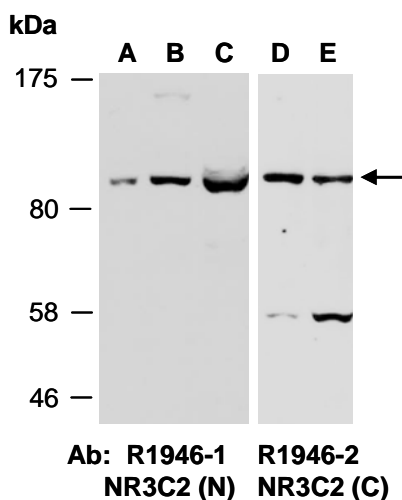


Fig 1. Western blot of total cell extracts from (A) mouse thymus, (B, D) human HeLa, (C, E) human Jurkat; using 2 independent Abs against 2 distinct regions of human NR3C2 at RT for 2 h.