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NR3C2 (N) Antibody, Rabbit Polyclonal

Cat#: R1946-1

Quantity: 100 ul

Predicted | Observed M.W.: 107 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P08235

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 N-terminal 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.

Species Specificity:

Human, Mouse

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:

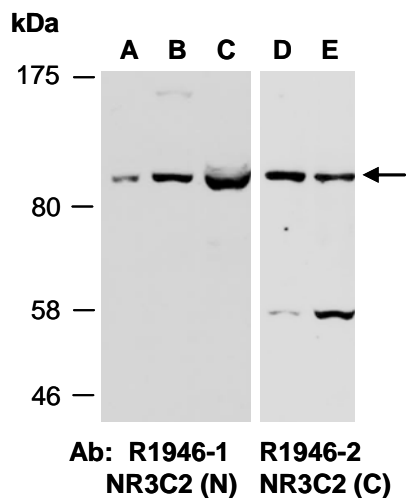


Fig 1. Western blot of total cell extracts from (A) mouse thymus, (B, D) human HeLa, (C, E) human Jurkat; using 2 independent Abs against 2 distinct regions of human NR3C2 at RT for 2 h.