



Anti-NR3C2 (aa 1-110) polyclonal antibody (DPAB-DC1933)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes the mineralocorticoid receptor, which mediates aldosterone actions on salt and water balance within restricted target cells. The protein functions as a ligand-dependent transcription factor that binds to mineralocorticoid response elements in order to transactivate target genes. Mutations in this gene cause autosomal dominant pseudohypoaldosteronism type I, a disorder characterized by urinary salt wasting. Defects in this gene are also associated with early onset hypertension with severe exacerbation in pregnancy. Alternative splicing results in multiple transcript variants.
Immunogen	NR3C2 (NP_000892, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. The sequence is METKGYHSLPEGLDMERRWGQVSQAVERSSSLGPTERTDENNYMEIVNVSCVSGAIPNNST QGSSKEKQELLPCLQQDNNRPGILTSDIKTELESKELSATVAESMGLYMD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NR3C2 nuclear receptor subfamily 3, group C, member 2 [Homo sapiens (human)]
Official Symbol	NR3C2
Synonyms	NR3C2; nuclear receptor subfamily 3, group C, member 2; MR; MCR; MLR; NR3C2VIT; mineralocorticoid receptor; aldosterone receptor; mineralocorticoid receptor 1; mineralocorticoid receptor delta;
Entrez Gene ID	4306
Protein Refseq	NP_000892
UniProt ID	B0ZBF6
Chromosome Location	4q31.1
Pathway	ACE Inhibitor Pathway; Aldosterone-regulated sodium reabsorption; Generic Transcription Pathway.
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; steroid binding