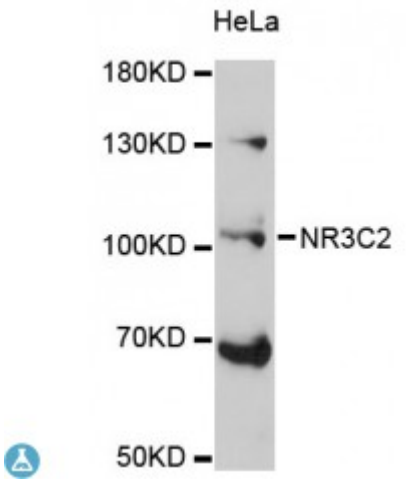
Anti-NR3C2 Antibody



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.

Model	STJ116199
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 800 to the C-terminus of human NR3C2 (NP_001159576.1).
Gene ID	4306
Gene Symbol	NR3C2
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitous, Highly expressed in distal tubules, convoluted tubules and cortical collecting duct in kidney, and in sweat glands, Detected at lower levels in cardiomyocytes, in epidermis and in colon enterocytes
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Mineralocorticoid receptor MR Nuclear receptor subfamily 3 group C member 2
Molecular Weight	107.067 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:7979OMIM:177735Reactome:R-HSA-3371497
Alternative Names	Mineralocorticoid receptor MR Nuclear receptor subfamily 3 group C member 2
Function	Receptor for both mineralocorticoids (MC) such as aldosterone and glucocorticoids (GC) such as corticosterone or cortisol, 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,
Cellular Localization	Cytoplasm, Nucleus, Endoplasmic reticulum membrane
Post-translational Modifications	Phosphorylated,