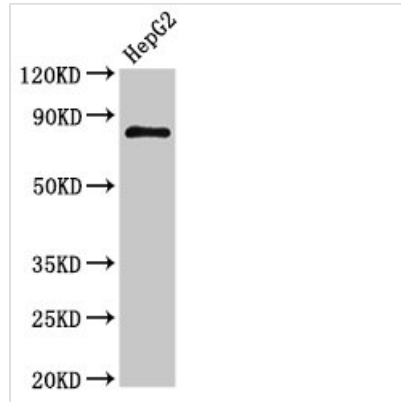




NR3C1 Antibody

Product Code	CSB-PA016059LA01HU
Abbreviation	Glucocorticoid receptor
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04150
Immunogen	Recombinant Human Glucocorticoid receptor protein (1-190AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF, IP; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000
Relevance	Receptor for glucocorticoids (GC) (PubMed:27120390). Has a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE), both for nuclear and mitochondrial DNA, and as a modulator of other transcription factors. Affects inflammatory responses, cellular proliferation and differentiation in target tissues. Involved in chromatin remodeling (PubMed:9590696). Plays a role in rapid mRNA degradation by binding to the 5' UTR of target mRNAs and interacting with PNRC2 in a ligand-dependent manner which recruits the RNA helicase UPF1 and the mRNA-decapping enzyme DCP1A, leading to RNA decay (PubMed:25775514). Could act as a coactivator for STAT5-dependent transcription upon growth hormone (GH) stimulation and could reveal an essential role of hepatic GR in the control of body growth (By similarity).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Glucocorticoid receptor (GR) (Nuclear receptor subfamily 3 group C member 1), NR3C1, GRL
Species	Human
Research Area	Signal Transduction
Target Names	NR3C1

Image



Western Blot

Positive WB detected in: HepG2 whole cell lysate

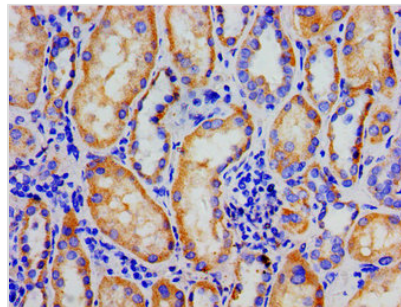
All lanes: NR3C1 antibody at 3µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 86, 82, 65, 61, 83, 79, 77, 76, 52, 51, 50 kDa

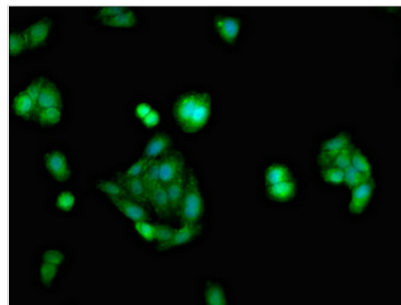
Observed band size: 86 kDa



Immunohistochemistry of paraffin-embedded

human kidney tissue using CSB-

PA016059LA01HU at dilution of 1:100

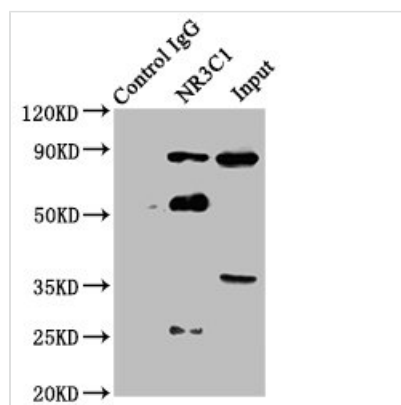


Immunofluorescent analysis of HepG2 cells

using CSB-PA016059LA01HU at dilution of

1:100 and Alexa Fluor 488-conjugated

AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunoprecipitating NR3C1 in HeLa whole cell lysate

Lane 1: Rabbit control IgG instead of CSB-PA016059LA01HU in HeLa whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/5000)

Lane 2: CSB-PA016059LA01HU (8µg) + HeLa whole cell lysate (500µg)

Lane 3: HeLa whole cell lysate (20µg)