NR3C1 Antibody

PACO54914

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF, IP

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000,

Protein Background:

Receptor for glucocorticoids (GC). 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. 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. 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.

Gene ID:

NR3C1

Uniprot

P04150

Synonyms:

Glucocorticoid receptor (GR) (Nuclear receptor subfamily 3 group C member 1), NR3C1, GRL
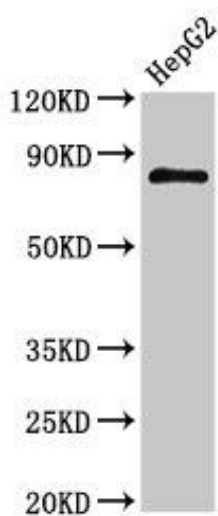
Immunogen:

Recombinant Human Glucocorticoid receptor protein (1-190AA).
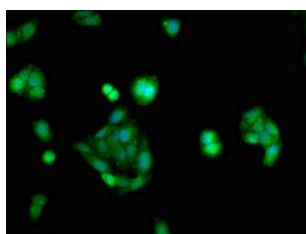
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images

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.

Immunofluorescent analysis of HepG2 cells using PACO54914 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).
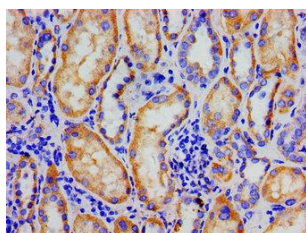
Immunohistochemistry of paraffin-embedded human kidney tissue using PACO54914 at dilution of 1:100.