

# NR3C1 Rabbit Polyclonal Antibody



CAB13667

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

105kDa

### Calculated MW:

49-85kDa

### Applications:

WB IF

### Reactivity:

Human

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

This gene encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid response elements in the promoters of glucocorticoid responsive genes to activate their transcription, and as a regulator of other transcription factors. This receptor is typically found in the cytoplasm, but upon ligand binding, is transported into the nucleus. It is involved in inflammatory responses, cellular proliferation, and differentiation in target tissues. Mutations in this gene are associated with generalized glucocorticoid resistance. Alternative splicing of this gene results in transcript variants encoding either the same or different isoforms. Additional isoforms resulting from the use of alternate in-frame translation initiation sites have also been described, and shown to be functional, displaying diverse cytoplasm-to-nucleus trafficking patterns and distinct transcriptional activities (PMID:15866175).

## Immunogen information

### Gene ID:

2908

### Uniprot

P04150

### Synonyms:

GCCR; GCR; GCRST; GR; GRL; NR3C1

### Immunogen:

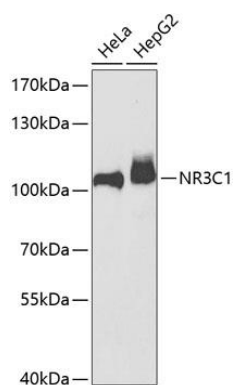
Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human NR3C1 (NP\_001191194.1).

### Storage:

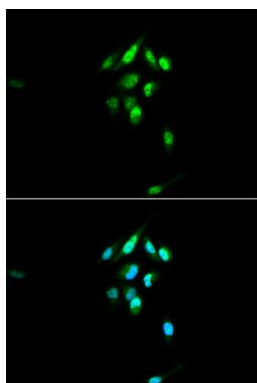
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using NR3C1 antibody (CAB13667) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunofluorescence analysis of U2OS cells using NR3C1 antibody (CAB13667) at dilution of 1:100. Blue: DAPI for nuclear staining.