

NR3C1 Polyclonal Antibody

Catalog No.	A13667	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	105kDa
Cross-reactivity	Human	Calculated MW	49-85kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human NR3C1 (NP_001191194.1).
Gene ID	2908
Swiss prot	P04150
Synonyms	NR3C1; GCCR; GCR; GCRST; GR; GRL; glucocorticoid receptor

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

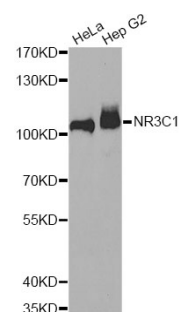
Background

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).

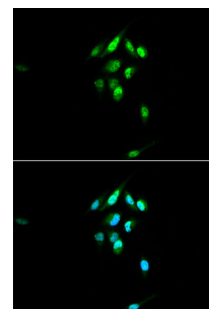
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:200



Western blot - NR3C1 Polyclonal Antibody (A13667)



Immunofluorescence - NR3C1 Polyclonal Antibody (A13667)