NR3C1 Rabbit Polyclonal Antibody

Catalog No: #53694

Package Size: #53694-1 50ul   #53694-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

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Product Name	NR3C1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human NR3C1 (NP_001191194.1).
Other Names	GCCR;GCR;GCRST;GR;GRL;NR3C1
Accession No.	Swiss Prot:P04150GeneID:2908
Calculated MW	49-85kDa
SDS-PAGE MW	105kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

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

Images
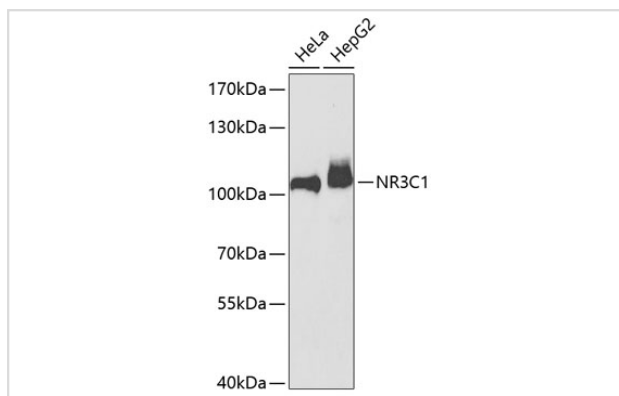
Western blot analysis of extracts of various cell lines, using NR3C1 at 1:1000 dilution.
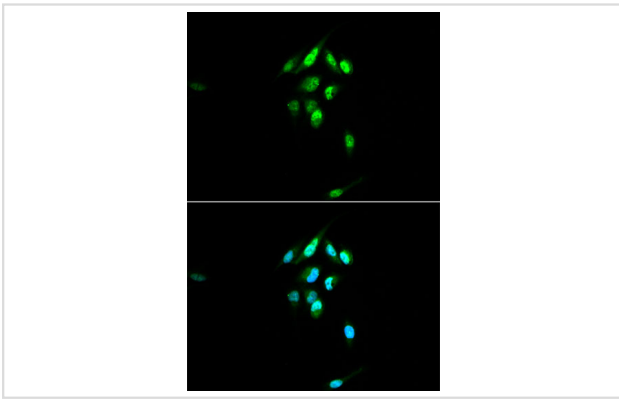
Immunofluorescence analysis of U2OS cells using NR3C1 at dilution of 1:100. Blue: DAPI for nuclear staining.

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.