NR3C1 Polyclonal Antibody

Catalog Number:E-AB-60651

Note: Centrifuge before opening to ensure complete recovery of vial contents.
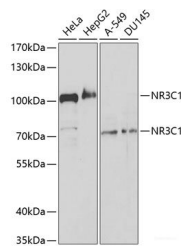
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human NR3C1 (NP_001191194.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications — Recommended Dilution

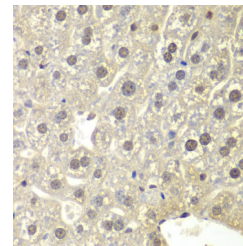| Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Data

Western blot analysis of extracts of various cell lines using NR3C1 Polyclonal Antibody at dilution of 1:1000.
Observed Mw:86kDa/96kDa
Calculated Mw:49-85kDa

Immunohistochemistry of paraffin-embedded Mouse liver using NR3C1 Polyclonal Antibody at dilution of 1:200 (40x lens).

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.

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).

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