

Glucocorticoid receptor Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03591
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Glucocorticoid receptor
Mol wt	85659
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Glucocorticoid receptor Antibody
Synonyms	NR3C1; GRL; Glucocorticoid receptor; GR; Nuclear receptor subfamily 3 group C member 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

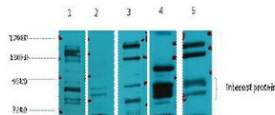
NR3C1 encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid response elements in the promoters of glucocorticoid responsive genes to activate their transcription, and as a regulator of other transcription factors. Nuclear receptor subfamily 3 group C member 1 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 NR3C are associated with generalized glucocorticoid resistance. Alternative splicing of NR3C 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 Dilution

WB: 1: 1000 - 3000

Not yet tested in other applications.

Images



Western blot analysis of 1) HeLa, 2) Jurkat, 3) HepG2, 4) Mouse Liver tissue, 5) Rat Brain tissue, diluted at 1:2000. Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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