Datasheet for ABIN2854939

anti-Glucocorticoid Receptor antibody (N-Term)

5 Images | 2 Publications

Go to Product page

Overview

Quantity:	100 µL
Target:	Glucocorticoid Receptor (NR3C1)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucocorticoid Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human Glucocorticoid Receptor. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to Glucocorticoid receptor (nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)) Glucocorticoid receptor antibody
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	Glucocorticoid Receptor (NR3C1)
Alternative Name:	nuclear receptor subfamily 3 group C member 1 (NR3C1 Products)
Background:	The protein encoded by this gene is a receptor for glucocorticoids that can act as both a transcription factor and as a regulator of other transcription factors. This protein can also be found in heteromeric cytoplasmic complexes along with heat shock factors and immunophilins. The protein is typically found in the cytoplasm until it binds a ligand, which induces transport into the nucleus. Mutations in this gene are a cause of glucocorticoid resistance, or cortisol, resistance. Alternate splicing, the use of at least three different promoters, and alternate translation initiation sites result in several transcript variants encoding the same protein or different isoforms, but the full-length nature of some variants has not been determined. Cellular Localization: Cytoplasm , Nucleus
Molecular Weight:	86 kDa
Gene ID:	2908
UniProt:	P04150
Pathways:	Nuclear Receptor Transcription Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process, Regulation of Muscle Cell Differentiation, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. IP: 1:500-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431 , mouse heart , rat heart , HeLa Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL

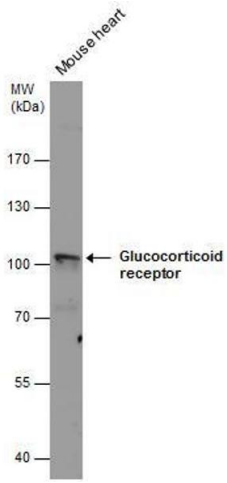
Handling

Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Publications

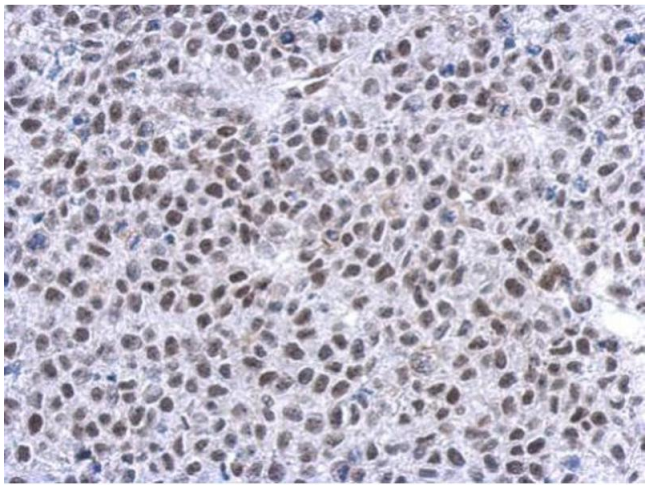
Product cited in:	Hinderer, Sudrow, Schneider, Holeiter, Layland, Seifert, Schenke-Layland: "Surface functionalization of electrospun scaffolds using recombinant human decorin attracts circulating endothelial progenitor cells." in: **Scientific reports**, Vol. 8, Issue 1, pp. 110, (2018) (PubMed).

Images



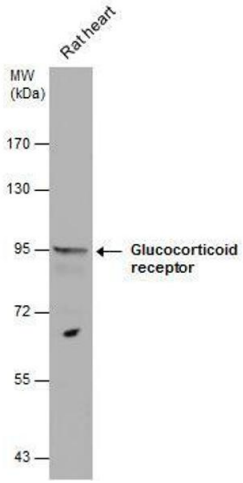
Western Blotting

Image 1. WB Image Glucocorticoid receptor antibody detects Glucocorticoid receptor protein by western blot analysis. Mouse tissue extracts (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Glucocorticoid receptor antibody , diluted at 1:1000.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded Hela xenograft, using Glucocorticoid receptor, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Glucocorticoid receptor antibody detects Glucocorticoid receptor protein by western blot analysis. Rat tissue extracts (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Glucocorticoid receptor antibody , diluted at 1:1000.

Please check the product details page for more images. Overall 5 images are available for ABIN2854939.