

Datasheet for ABIN651060

anti-Glucocorticoid Receptor antibody (C-Term)**3** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Glucocorticoid Receptor (NR3C1)
Binding Specificity:	AA 713-742, C-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))

Product Details

Immunogen:	This NR3C1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 713-742 amino acids from the C-terminal region of human NR3C1.
Clone:	RB26107
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Glucocorticoid Receptor (NR3C1)
Alternative Name:	NR3C1 (NR3C1 Products)

Target Details

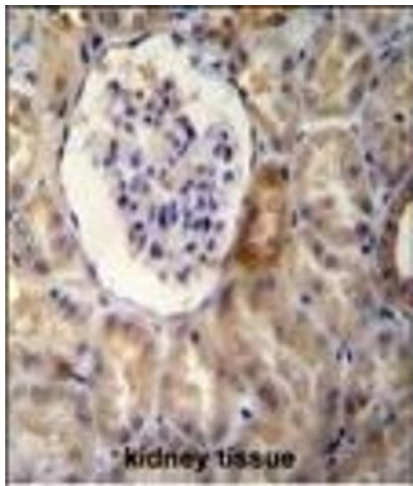
Background:	NR3C1 is a receptor for glucocorticoids that can act as both a transcription factor and as a regulator of other transcription factors. This protein can also be found in heteromeric cytoplasmic complexes along with heat shock factors and immunophilins. The protein is typically found in the 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.
Molecular Weight:	85659
Gene ID:	2908
NCBI Accession:	NP_000167 , NP_001018084 , NP_001018085 , NP_001018086 , NP_001018087 , NP_001018661 , NP_001019265 , NP_001191187 , NP_001191188 , NP_001191189 , NP_001191190 , NP_001191191 , NP_001191192 , NP_00119
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:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

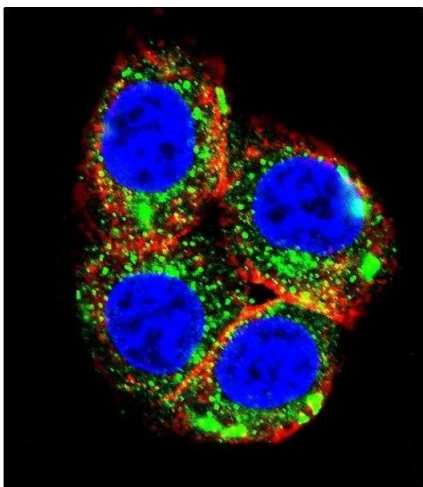
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



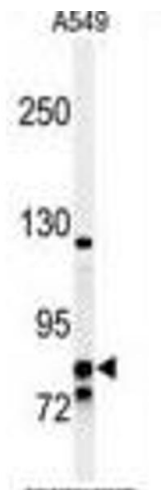
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. NR3C1 Antibody (C-term) B immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of NR3C1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of NR3C1 Antibody (C-term) (ABIN651060 and ABIN2840054) with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. Western blot analysis of NR3C1 Antibody (C-term) (ABIN651060 and ABIN2840054) in A549 cell line lysates (35 µg/lane). NR3C1 (arrow) was detected using the purified Pab.