Datasheet for ABIN2777208

anti-Glucocorticoid Receptor antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	Glucocorticoid Receptor (NR3C1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Sheep, Pig, Rabbit, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucocorticoid Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NR3C1
Sequence:	MDSKESLTPG REENPSSVLA QERGDVMDFY KTLRGGATVK VSASSPSLAV
Predicted Reactivity:	Cow: 79%, Horse: 79%, Human: 100%, Mouse: 79%, Pig: 79%, Rabbit: 86%, Rat: 86%, Sheep: 79%
Characteristics:	This is a rabbit polyclonal antibody against NR3C1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Glucocorticoid Receptor (NR3C1)
Alternative Name:	NR3C1 (NR3C1 Products)
Background:	NR3C1 is a receptor for glucocorticoids that can act as both a transcription factor and as a

Target Details

	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. Alias Symbols: GCCR, GCR, GR, GRL Protein Interaction Partner: TTC5, HSP90AA1, TXN2, UBC, TXN, FKBP5, DCAF6, RABEP2, BRCC3, LARP7, GAPVD1, CD2AP, SF3A1, HNRNPR, TRIM28, HDAC1, MTA2, CCDC6, CENPB, TMF1, PPARG, STUB1, BAG1, RPS6KA5, NCOA1, POLR1D, NCOA2, SRA1, PRKDC, RAD54L2, MAGEA11, PPP5C, PPID, GNB2, GNB1, FKBP4, GN Protein Size: 777
Molecular Weight:	86 kDa
Gene ID:	2908
NCBI Accession:	NM_001018076, NP_001018086
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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 777 AA
Restrictions:	For Research Use only

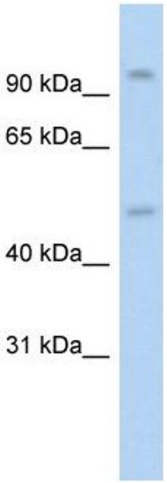
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

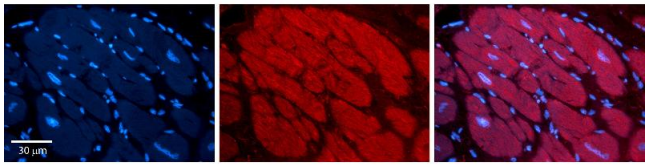
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NR3C1 Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell



Immunohistochemistry

Image 2. Rabbit Anti-NR3C1 Antibody Catalog Number: ARP31090_P050 Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic, nucleus Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec