

Datasheet for ABIN1107374

anti-Glucocorticoid Receptor antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	0.1 mg
Target:	Glucocorticoid Receptor (NR3C1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glucocorticoid Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic peptide corresponding to a sequence at the C-terminal of Human GR .Remarks: Sequence is identical to the related Rat and Mouse sequence.
Isotype:	IgG
Specificity:	This antibody detects Glucocorticoid receptor (C-term). No cross reactivity with other proteins.
Cross-Reactivity (Details):	Species reactivity (tested):Human, Mouse, Rat.
Purification:	Immunoaffinity Chromatography

Target Details

Target:	Glucocorticoid Receptor (NR3C1)
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Target Details

Alternative Name:	Glucocorticoid Receptor (NR3C1 Products)
Background:	Glucocorticoid receptor (GR) maps to the distal long arm of chromosome 5. The human glucocorticoid receptor (hGR) gene contains a total of 10 exons and has a minimum size of 80 kilobases. The identification of complementary DNAs encoding the human glucocorticoid receptor (hGR) predicts two protein forms (alpha and beta, 777 and 742 amino acids long, respectively) which differ at their carboxy termini and both forms of the receptor are related, with respect to their domain structure, to the v-erb-A oncogene product of avian erythroblastosis virus (AEV), which suggests that steroid receptor genes and the c-erb-A proto-oncogene are derived from a common primordial regulatory gene. Transcriptional regulation by the glucocorticoid receptor (GR) is mediated by hormone binding, receptor dimerization, and coactivator recruitment. Synonyms: GR, GRL, NR3C1
Gene ID:	2908
NCBI Accession:	NP_000167
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 dilution should be determined by the investigator.
Restrictions:	For Research Use only

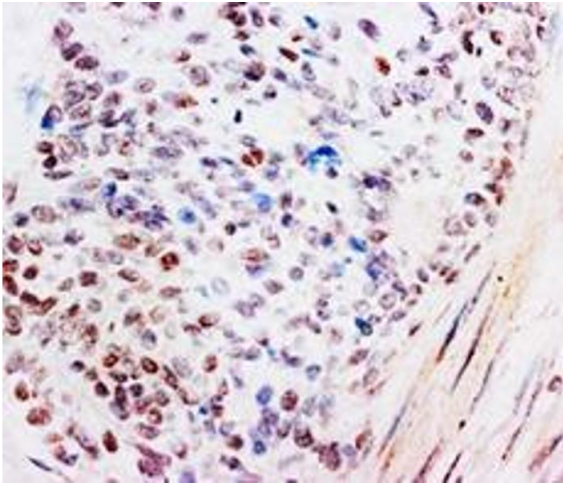
Handling

Reconstitution:	Restore with 0.2 mL of distilled water to yield a concentration of 0.5 mg/mL.
Concentration:	0.5 mg/mL
Buffer:	5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal and 0.05 mg Sodium Azide
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody after reconstitution at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry with Glucocorticoid Receptor polyclonal antibody (Human mammary cancer).