

## Product datasheet for **AP23379PU-N**

### Glucocorticoid Receptor (NR3C1) (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Western blot:</b> Use at 1 µg/ml with the appropriate system to detect GR in cells and tissues. <b>Immunohistochemistry on Frozen Sections.</b> <b>Immunohistochemistry on Paraffin Sections:</b> Use at 0.5-1 µg/ml to detect GR in formalin fixed and paraffin embedded tissues.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a sequence at the C-terminal of Human GR
Specificity:	This antibody detects Glucocorticoid receptor (C-term). No cross reactivity with other proteins.
Formulation:	5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal and 0.05mg Sodium Azide State: Aff - Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with 0.2 ml of distilled water to yield a concentration of 0.5 mg/ml.
Concentration:	0.5 mg/ml (after reconstitution)
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody after reconstitution at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nuclear receptor subfamily 3 group C member 1
Database Link:	<a href="#">Entrez Gene 14815 Mouse</a> <a href="#">Entrez Gene 24413 Rat</a> <a href="#">Entrez Gene 2908 Human P04150</a>



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**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:**

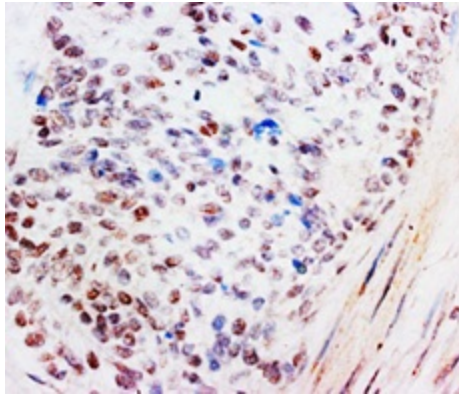
NR3C1, GR, GRL

**Protein Families:**

Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

**Protein Pathways:**

Neuroactive ligand-receptor interaction

**Product images:**

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