

# NR3C1 (Ab-226) Antibody



PACO23609

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## Product Information

**Size:**

100ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:500-1:3000,  
IHC:1:50-1:100

**Protein Background:**

Receptor for glucocorticoids (GC). Has a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE), both for nuclear and mitochondrial DNA, and as a modulator of other transcription factors. Affects inflammatory responses, cellular proliferation and differentiation in target tissues. Could act as a coactivator for STAT5-dependent transcription upon growth hormone (GH) stimulation and could reveal an essential role of hepatic GR in the control of body growth. Involved in chromatin remodeling. May play a negative role in adipogenesis through the regulation of lipolytic and antilipogenic genes expression.

**Gene ID:**

NR3C1

**Uniprot**

P04150

**Synonyms:**

GCR; GRL; GRL1; NR3C1; glucocorticoid receptor

**Immunogen:**

Synthesized non-phosphopeptide derived from human GR around the phosphorylation site of serine 226/234/246 (L-L-S-P-L).

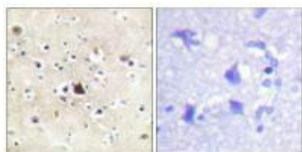
**Storage:**

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

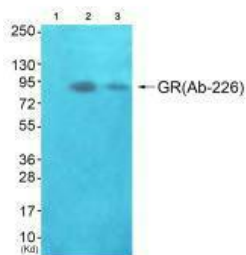
## Product Images

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Immunohistochemical analysis of paraffin-embedded human brain tissue using GR (Ab-226) antibody.



Western blot analysis of extracts from JK cells (Lane 2) and K562 cells (Lane 3), using GR(Ab-226) antibody. The lane on the left is treated with synthesized peptide.



Western blot analysis of extracts from Jurkat cells, treated with EGF (200ng/ml, 15mins), using GR (Ab-226) antibody.

