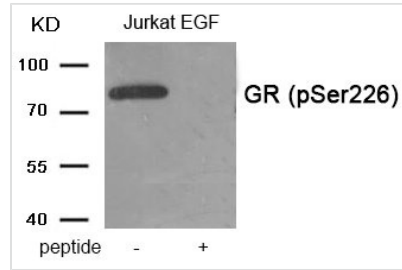




# Phospho-NR3C1 (Ser226) Antibody

<b>Product Code</b>	CSB-PA298129
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P04150
<b>Immunogen</b>	Peptide sequence around phosphorylation site of serine 226 (L-L-S(p)-P-L) derived from Human GR.
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Specificity</b>	The antibody detects endogenous level of GR only when phosphorylated at serine 226.
<b>Tested Applications</b>	ELISA, WB; WB: 1:500-1:1000
<b>Relevance</b>	<p>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. Plays a significant role in transactivation.</p> <p>Wehmeyer L, Du Toit A, Lang DM, Hapgood JP (2014) J Biol Chem 289, 10235-51 Bouazza B, et al. (2014) Am J Respir Cell Mol Biol 50, 301-15 Lee MS, et al. (2013) Behav Brain Res 236, 56-61</p>
<b>Form</b>	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.
<b>Purification Method</b>	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography.
<b>Clonality</b>	Polyclonal
<b>Alias</b>	GCCR; GCR; GRL; NR3C1;
<b>Product Type</b>	Polyclonal Antibody
<b>Species</b>	Homo sapiens (Human)
<b>Target Names</b>	NR3C1
<b>Image</b>	



Western blot analysis of extracts from Jurkat cells treated with EGF using Phospho-GR (Ser226) antibody. The lane on the right is treated with the antigen-specific peptide.

**Product Modify**

Phospho-Ser226