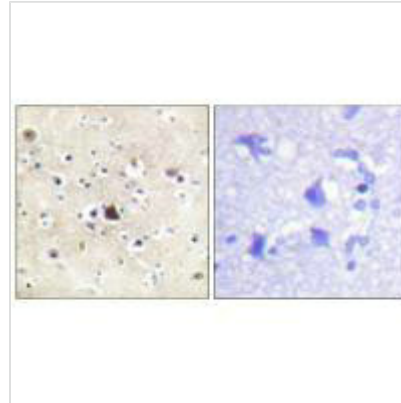


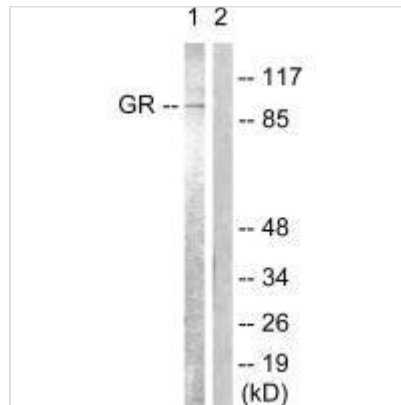


NR3C1 (Ab-226) Antibody

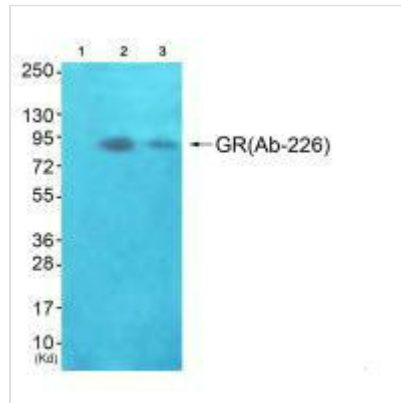
Product Code	CSB-PA589113
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P04150
Immunogen	Synthesized non-phosphopeptide derived from Human GR around the phosphorylation site of serine 226/234/246 (L-L-S-P-L).
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Specificity	The antibody detects endogenous levels of total GR protein.
Tested Applications	ELISA, WB, IHC; WB: 1:500-1:3000, IHC: 1:50-1:100
Relevance	<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. May play a negative role in adipogenesis through the regulation of lipolytic and antilipogenic genes expression.</p> <p>Kyung Jin Kwak, J. Exp. Bot., Nov 2005; 56: 3007 - 3016. Maite de Llanos, Hum. Reprod., Jan 2005; 20: 216 - 220. M. Lynch, Mol. Hum. Reprod., Jul 2005; 11: 507 - 512. Valeriya P. Makarenkova, J. Immunol., Feb 2006; 176: 2085 - 2094.</p>
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	GCR; GRL; GRL1; NR3C1; glucocorticoid receptor
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	NR3C1
Image	



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



Western blot analysis of extracts from Jurkat cells, treated with EGF (200ng/ml, 15mins), 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.