

GR(Phospho Ser211) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06413
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GR around the phosphorylation site of Ser211. AA range:181-230
Mol wt	85659
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Glucocorticoid receptor
Synonyms	Glucocorticoid receptor; NR3C1; GRL; Glucocorticoid receptor; GR; Nuclear receptor subfamily 3 group C member 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid response elements in the promoters of glucocorticoid responsive genes to activate their transcription, and as a regulator of other transcription factors. This receptor is typically found in the cytoplasm, but upon ligand binding, is transported into the nucleus. It is involved in inflammatory responses, cellular proliferation, and differentiation in target tissues. Mutations in this gene are associated with generalized glucocorticoid resistance. Alternative splicing of this gene results in transcript variants encoding either the same or different isoforms. Additional isoforms resulting from the use of alternate in-frame translation initiation sites have also been described, and shown to be functional, displaying diverse cytoplasm-to-nucleus trafficking pat

Recommended Dilution

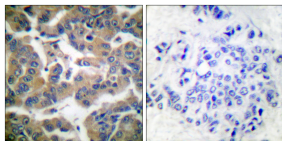
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

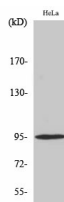
ELISA: 1: 5000

Not yet tested in other applications.

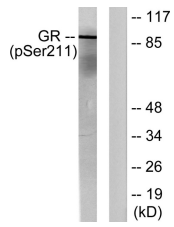
Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using GR (Phospho-Ser211) Antibody. The picture on the right is blocked with the phospho peptide.



Western Blot analysis of various cells using Phospho-GR (S211) Polyclonal Antibody



Western blot analysis of lysates from HeLa cells treated with Heat shock, using GR (Phospho-Ser211) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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