

## GR(Phospho Ser203) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP09707
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GR around the phosphorylation site of Ser203. AA range:171-220
<b>Mol wt</b>	85659
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Glucocorticoid receptor
<b>Synonyms</b>	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 patterns.

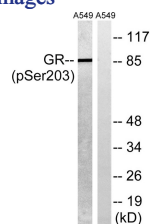
### Recommended Dilution

WB: 1: 500 - 1: 2000

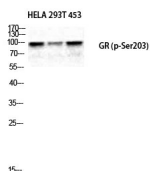
ELISA: 1: 10000

Not yet tested in other applications.

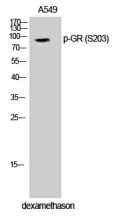
### Images



Western Blot analysis of A549 cells using Phospho-GR (S203) Polyclonal Antibody diluted at 1:500



Western Blot analysis of HELA 293T 453 cells using Phospho-GR (S203) Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from A549 cells treated with dexamethason 10nM 1h, using GR (Phospho-Ser203) Antibody. The lane on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year

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