Product Name: **GR (phospho Ser203) Rabbit Polyclonal Antibody**
Catalog #: **APRab04740**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000
Molecular Weight	86kDa

Antigen Information

Gene Name	NR3C1
Alternative Names	NR3C1; GRL; Glucocorticoid receptor; GR; Nuclear receptor subfamily 3 group C member 1
Gene ID	2908.0
SwissProt ID	P04150
Immunogen	The antiserum was produced against synthesized peptide derived from human GR around the phosphorylation site of Ser203. AA range:171-220

Background

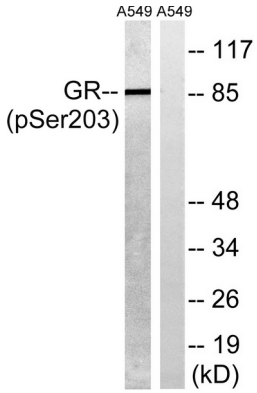
This gene encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid

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.

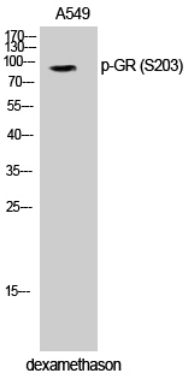
Research Area

Neuroactive ligand-receptor interaction;

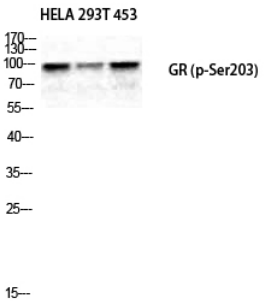
Image Data



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.



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