

## Rabbit anti-Human GR Polyclonal Antibody | anti-GR antibody

Rabbit anti-GR Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                                                |
|-----------|--------|------------|-------------------------------------------------------------------------------------------------------------|
| AAA212185 | Rabbit | Human      | Chromatin Immunoprecipitation, Immunoprecipitation, Immunohistochemistry, Immunoprecipitation, Western Blot |

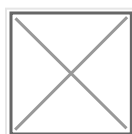
### PRODUCT SYNONYMS

GR; Polyclonal Antibody; Rabbit anti-GR Antibody; Affinity Purified; glucocorticoid nuclear receptor variant 1; nuclear receptor subfamily 3; group C; member 1 (glucocorticoid receptor); Nuclear receptor subfamily 3 group C member 1; GRL; glucocorticoid receptor; GCRST; GCR; GCCR; Glucocorticoid receptor; nuclear receptor subfamily 3 group C member 1; anti-GR antibody

### PRODUCT SPECIFICATIONS

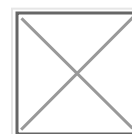
|                                              |                                                                                                               |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                        |
| Reactivity                                   | Human                                                                                                         |
| Clonality                                    | Polyclonal                                                                                                    |
| Purity/Purification                          | Antigen Affinity Purified                                                                                     |
| Form/Format                                  | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide                            |
| Concentration                                | 200ug/ml (varies by lot)                                                                                      |
| Applicable Applications for anti-GR antibody | ChIP (Chromatin immunoprecipitation), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot) |
| Predicted Reactivity                         | Sheep                                                                                                         |
| Immunogen                                    | Between 150 and 200                                                                                           |
| Conjugation                                  | Unconjugated                                                                                                  |
| Preparation and Storage                      | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                                              |

### IMAGES



#### WB (Western Blot)

Detection of human GR by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-GR antibody AAA212185 used for WB at 0.04 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 6 ug/mg lysate. GR was also immunoprecipitated by rabbit anti-GR antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 1 second (B).



#### IHC (Immunohistochemistry)

Detection of human GR by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-GR (Cat. No. AAA212185 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB



#### ChIP (Chromatin Immunoprecipitation)

Localization of GR Binding Sites by ChIP-sequencing. Chromatin from prednisolone treated THP-1 cells was immunoprecipitated with anti-GR antibody AAA212185 and analyzed by DNA sequencing. The figure illustrates the peak distribution of GR binding within a 250 Kb region of chromosome 6 as detected using anti-GR AAA212185. ChIP-seq validation performed by Active Motif, Carlsbad, CA.

### ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GR antibody | The glucocorticoid receptor (GR) functions as both 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. |
| Product Categories/Family for anti-GR antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### NCBI AND UNIPROT INFORMATION

|                            |                         |
|----------------------------|-------------------------|
| NCBI GeneID                | 2908                    |
| UniProt Accession #        | P04150                  |
| UniProt Protein Name       | Glucocorticoid receptor |
| UniProt Gene Name          | NR3C1                   |
| UniProt Synonym Gene Names | GRL; GR                 |
| UniProt Entry Name         | GCR_HUMAN               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gr-antibody-chromatin-immunoprecipitation-immunohistochemistry-immunoprecipitation-western-blot-elisa/212185>