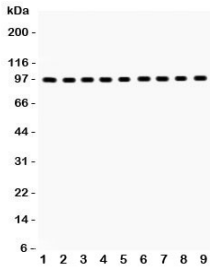
GR Antibody / Glucocorticoid receptor / NR3C1 (R31755)

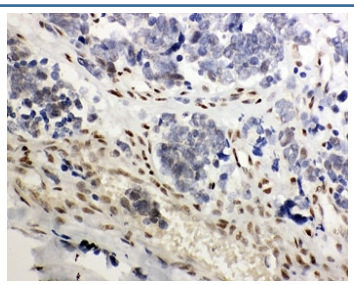
Catalog No.	Formulation	Size
R31755	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

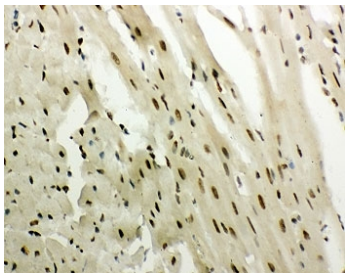
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	2908
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This GR antibody is available for research use only.



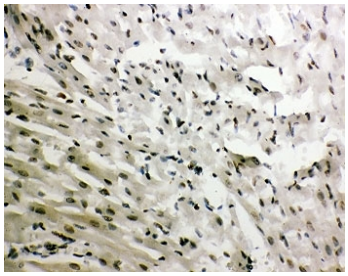
Western blot testing of GR antibody and Lane 1: rat liver; 2: (r) brain; 3: (r) spleen; 4: human placenta; 5: (h) SMMC; 6: mouse HEPA; 7: (m) Neuro-2a; 8: (h) HeLa; 9: (r) PC12; Predicted/Observed size: 91~94KD



IHC-P: GR antibody testing of human lung cancer tissue



IHC-P: GR antibody testing of mouse heart tissue



IHC-P: GR antibody testing of rat heart tissue

Description

The glucocorticoid receptor (GR, or GCR), also known as NR3C1, is the receptor to which cortisol and other glucocorticoids bind. GR is expressed in almost every cell in the body and regulates genes controlling the development, metabolism, and immune response. The activated GR complex up-regulates the expression of anti-inflammatory proteins in the nucleus or represses the expression of pro-inflammatory proteins in the cytosol.

Application Notes

Titration of the GR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human recombinant NR3C1 protein (AA 20-199) was used as the immunogen for this GR antibody.

Storage

After reconstitution, the GR antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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