
Product Name: Glucocorticoid Receptor Rabbit Monoclonal Antibody**Catalog #: AMRe21503**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:1000-1:4000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:85kD;Observed MW:94kD

Antigen Information

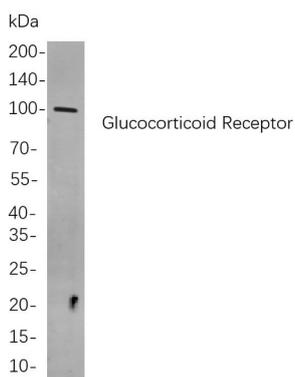
Gene Name	Nr3c1 GCCR;GCR;GCR_HUMAN;GCRST;glucocorticoid nuclear receptor variant 1;Glucocorticoid
Alternative Names	receptor;GR;GRL;Gr1;nr3c1;Nuclear receptor subfamily 3 group C member 1;nuclear receptor subfamily 3, group C, member 1;glucocorticoid receptor;
Gene ID	2908.0
SwissProt ID	P04150
Immunogen	A synthetic peptide corresponding to target protein

Background

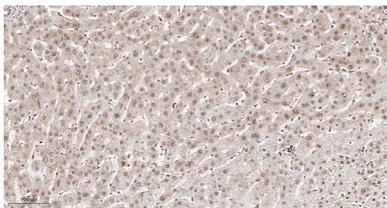
Cell localization:Nucleus.This gene encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid response elements in the promoters of glucocorticoid responsive genes to activate their transcription, and as a regulator of other transcription factors. 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 and distinct transcriptional activities (PMID:15866175). [provided by RefSeq, Feb 2011]

Research Area

Image Data



Western blot analysis of lysates from U-251 MG cells, using Glucocorticoid Receptor Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.



Immunohistochemical analysis of paraffin-embedded Human liver tissue. 1, Glucocorticoid Receptor Rabbit Monoclonal Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Rat liver tissue. 1, Glucocorticoid Receptor Rabbit Monoclonal Antibody was diluted at 1:200(4°C,overnight). 2, EDTA pH 9.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min).