
Product Name: Glucocorticoid Receptor Rabbit Monoclonal Antibody**Catalog #: AMRe02037**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.53mg/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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 87 kDa; Observed MW: 94,91 kDa

Antigen Information

Gene Name	Nr3C1
Alternative Names	GR; GCR; GRL; GCCR; GCRST
Gene ID	14815.0
SwissProt ID	P06537
Immunogen	Recombinant protein of mouse Glucocorticoid Receptor

Background

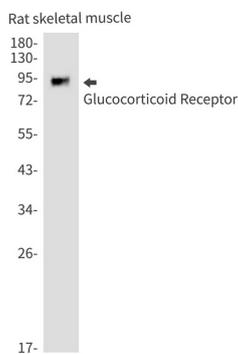
Receptor for glucocorticoids (GC). Has a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE), both for nuclear and mitochondrial DNA, and as a modulator of other transcription factors. Affects

inflammatory responses, cellular proliferation and differentiation in target tissues. Involved in chromatin remodeling. Plays a role in rapid mRNA degradation by binding to the 5' UTR of target mRNAs and interacting with PNRC2 in a ligand-dependent manner which recruits the RNA helicase UPF1 and the mRNA-decapping enzyme DCP1A, leading to RNA decay . Could act as a coactivator for STAT5-dependent transcription upon growth hormone (GH) stimulation and could reveal an essential role of hepatic GR in the control of body growth.

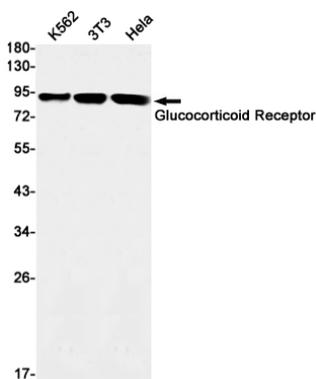
Research Area

Signal Transduction

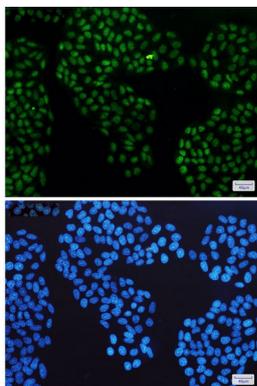
Image Data



Western blot analysis of Glucocorticoid Receptor in rat skeletal muscle lysates using Glucocorticoid Receptor antibody.



Western blot analysis of Glucocorticoid Receptor in K562, 3T3, HeLa lysates using Glucocorticoid Receptor antibody.



Immunocytochemistry analysis of Glucocorticoid Receptor (green) in HeLa using Glucocorticoid Receptor antibody, and DAPI (blue)