

Anti-NR3C1 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse, Rat (predicted: Chicken, Dog, Pig, Cow, Horse, Sheep, Guinea Pig)
Molecular Weight:	Theoretical: 86 kDa. Actual: 87 kDa.
Purification:	Protein A purified

Applications

1. Blank control: A549. Primary Antibody (green line): Rabbit Anti-Glucocorticoid Receptor antibody (TMAB-01267)

Dilution: 1 µg/10⁶ cells;

Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody: Goat anti-rabbit IgG-AF647

Dilution: 1 µg/test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.

2. Sample:

Lane 1: Raw264.7 (Mouse) Cell Lysate at 30 µg

Lane 2: Stomach (Rat) Lysate at 40 µg

Lane 3: Stomach (Mouse) Lysate at 40 µg

Lane 4: Cerebrum (Rat) Lysate at 40 µg

Lane 5: Cerebrum (Mouse) Lysate at 40 µg

Lane 6: Testis (Rat) Lysate at 40 µg

Lane 7: Testis (Mouse) Lysate at 40 µg

Lane 8: Liver (Rat) Lysate at 40 µg

Lane 9: Liver (Mouse) Lysate at 40 µg

Primary: Anti-Glucocorticoid Receptor (TMAB-01267) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 90 kDa

Observed band size: 87 kDa

3. Blank control: Mouse spleen.

Primary Antibody (green line): Rabbit Anti-Glucocorticoid Receptor beta antibody (TMAB-01267)

Dilution: 3 µg/10⁶ cells;

Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody: Goat anti-rabbit IgG-AF647

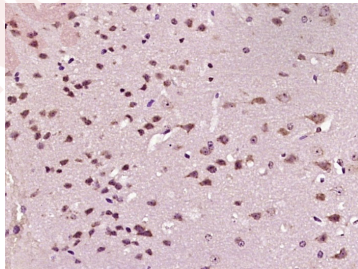
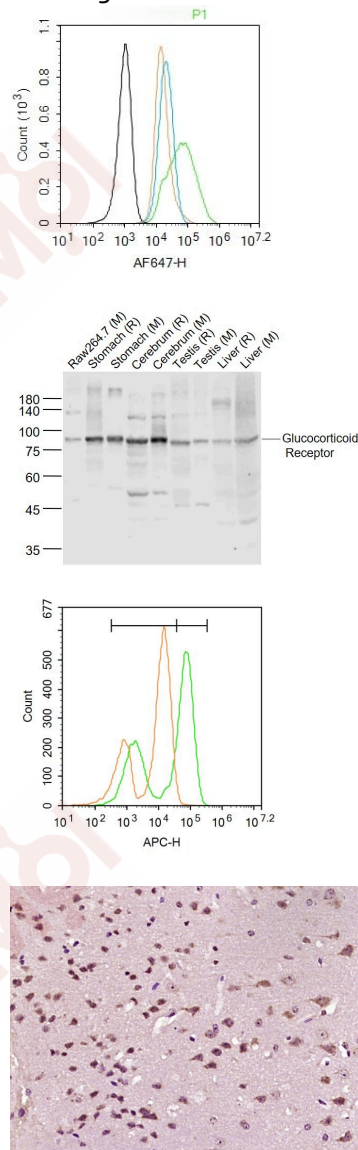
Dilution: 3 µg/test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at

Verified Activity:

4. Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (GCR) Polyclonal Antibody, Unconjugated (TMAB-01267) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Application: FCM,IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1ug/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Glucocorticoid Receptor beta
Antigen Species:	Human
Gene ID:	2908
Uniprot ID:	P04150
Synonyms:	GCRST;nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor);GCCR;GR;GCR;GRL
Biology Area:	Nuclear hormone receptors,Corticoid,Corticoid

Research Background

Steroid receptors are ligand-dependent, intracellular proteins that stimulate transcription of specific genes by binding to specific DNA sequences following activation by the appropriate hormone. Glucocorticoids are a family of steroids necessary for the regulation of energy metabolism and the immune and inflammatory responses. These compounds exert their effect through their interaction with the glucocorticoid receptor (GR) and that complex's subsequent association with DNA. All normal mammalian tissues examined to date have been shown to contain glucocorticoid receptor.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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