

Rabbit anti-Human Glucocorticoid Receptor Monoclonal Antibody | anti-NR3C1 antibody

Glucocorticoid Receptor Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282749	Rabbit	Human	ELISA, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Glucocorticoid Receptor; Monoclonal Antibody; Glucocorticoid Receptor Rabbit mAb; GR; GCR; GRL; GCCR; GCRST; anti-NR3C1 antibody

PRODUCT SPECIFICATIONS

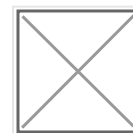
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	DSKESLTPGR EENPSSVLAQ ERGDVMDFYK TLRGGATVKV SASSPSLAVA SQSDSKQRRL LVDFPKGSVS NAQQPDLSKA VLSMGLYMG ETETKVMGND LGFPQQGQIS LSSGETDLKL LEESIANLNR STSVPENPKS SASTAVSAAP TEKEFPKTHS DVSSEQQHLK GQTGTNGGN
Applicable Applications for anti-NR3C1 antibody	ELISA, IP (Immunoprecipitation), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 2-180 of human GR (P04150).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 300 ug extracts of U-251MG cells using 3 ug Glucocorticoid Receptor antibody (AAA282749). Western blot was performed from the immunoprecipitate using Glucocorticoid Receptor antibody (AAA282749) at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of various lysates using Glucocorticoid Receptor Rabbit mAb (AAA282749) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-NR3C1 antibody	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).
Product Categories/Family for anti-NR3C1 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Nuclear Receptor Signaling; Nuclear hormone receptors; Protein phosphorylation; Signal Transduction; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504133
NCBI GeneID	2908
NCBI Accession #	NP_000167.1
NCBI GenBank Nucleotide #	NM_000176.2
UniProt Accession #	P04150; P04151; Q53EP5; Q6N0A4; A0ZXF9; B0LPG8; D3DQF4
Molecular Weight	Calculated MW: 86kDa Observed MW: 95kDa
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.