

Product datasheet for **TA308891**

Glucocorticoid Receptor (NR3C1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, IP, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 265 of Glucocorticoid Receptor beta (Uniprot ID#P04150)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	82 kDa
Gene Name:	nuclear receptor subfamily 3 group C member 1
Database Link:	NP_000167 Entrez Gene 2908 Human P04150



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Background:

The protein encoded by this gene is a receptor for glucocorticoids that can act as both a transcription factor and as a regulator of other transcription factors. This protein can also be found in heteromeric cytoplasmic complexes along with heat shock factors and immunophilins. The protein is typically found in the cytoplasm until it binds a ligand, which induces transport into the nucleus. Mutations in this gene are a cause of glucocorticoid resistance, or cortisol, resistance. Alternate splicing, the use of at least three different promoters, and alternate translation initiation sites result in several transcript variants encoding the same protein or different isoforms, but the full-length nature of some variants has not been determined. [provided by RefSeq]

Synonyms:

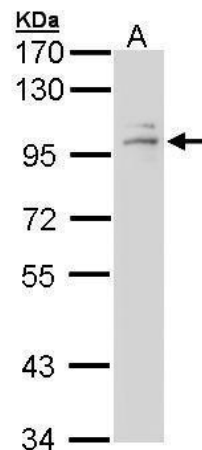
GCCR; GCR; GCRST; GR; GRL

Protein Families:

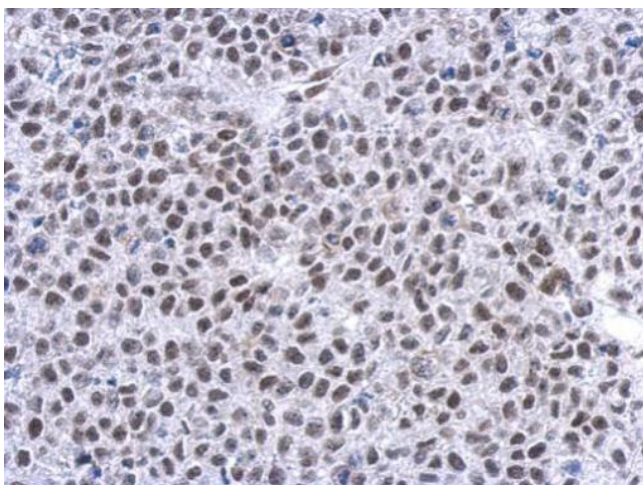
Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways:

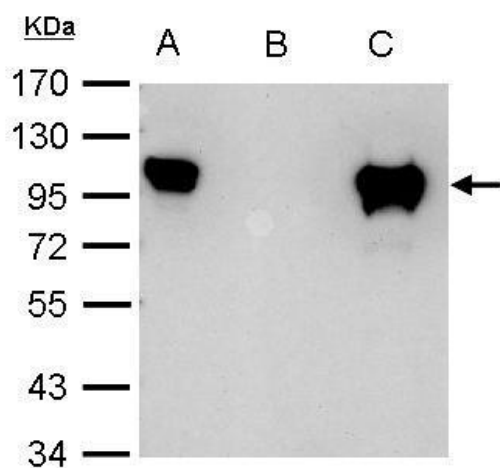
Neuroactive ligand-receptor interaction

Product images:

Sample (30 ug of whole cell lysate). A: A431. 7.5% SDS PAGE. TA308891 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded HeLa xenograft, using Glucocorticoid Receptor beta (TA308891) antibody at 1:500 dilution.



Glucocorticoid Receptor beta antibody immunoprecipitates Glucocorticoid Receptor beta protein in IP experiments. IP Sample: 1000 ug HeLa whole cell lysate/extract A. 40 ug HeLa whole cell lysate/extract B. Control with 2.5 ug of preimmune rabbit IgG C. Im