

## Glucocorticoid Receptor polyclonal antibody

Catalog: BS6617

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

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:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

105kDa

### Swiss-Prot:

P04150

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB,1:500 - 1:2000|IHC,1:50 - 1:200|IF/ICC,1:50 - 1:200

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Category:

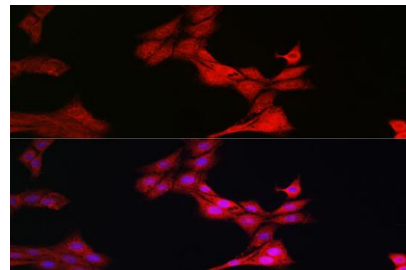
Polyclonal Antibodies

### DATA:

Immunohistochemistry of paraffin-embedded rat spleen using Glucocorticoid Receptor Rabbit pAb at dilution of 1:100 .Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Immunohistochemistry of paraffin-embedded human liver cancer using Glucocorticoid Receptor Rabbit pAb at dilution of 1:100 .Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Immunofluorescence analysis of NIH/3T3 cells using Glucocorticoid Receptor Rabbit pAb at dilution of 1:200 . Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Glucocorticoid Receptor Rabbit pAb at dilution of 1:200 . Blue: DAPI for nuclear staining.

### Note:

For research use only, not for use in diagnostic procedure.

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