

Glucocorticoid receptor rabbit pAb

Cat No.: ES20734

For research use only

Overview

Product Name Glucocorticoid receptor rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human; Mouse; Rat Recommended dilutions WB: 1:1000-3000

ImmunogenRecombinant Protein of Glucocorticoid receptorSpecificityThe antibody detects endogenous GR proteins.FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Glucocorticoid receptor

Gene Name NR3C1

Cellular localization [Isoform Alpha]: Cytoplasm . Nucleus .

Mitochondrion . Cytoplasm, cytoskeleton, spindle . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . After ligand activation,

translocates from the cytoplasm to the nucleus. In

the presence of NR1D

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal

Concentration

Observed band80-97kDHuman Gene ID2908Human Swiss-Prot NumberP04150

Alternative Names NR3C1; GRL; Glucocorticoid receptor; GR; Nuclear

receptor subfamily 3 group C member 1

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

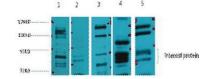


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other transcription factors. This receptor is typically found in the cytoplasm, but upon ligand binding, is transported into the nucleus. It is involved in inflammatory responses, cellular proliferation, and differentiation in target tissues. Mutations 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 pat

Western blot analysis of 1) Hela, 2) Jurkat, 3) HepG2, 4) Mouse Liver tissue, 5) Rat Brain tissue, diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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