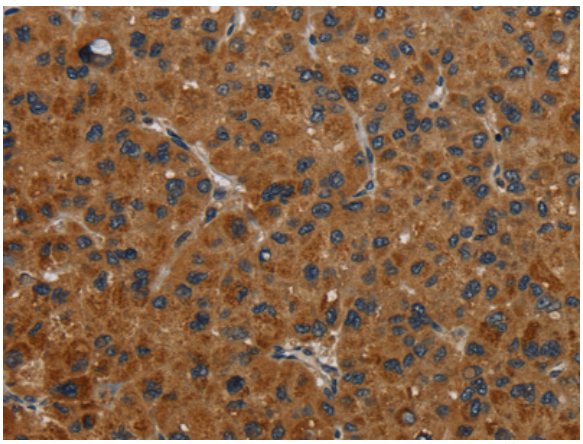
NR3C1 RABBIT PAB

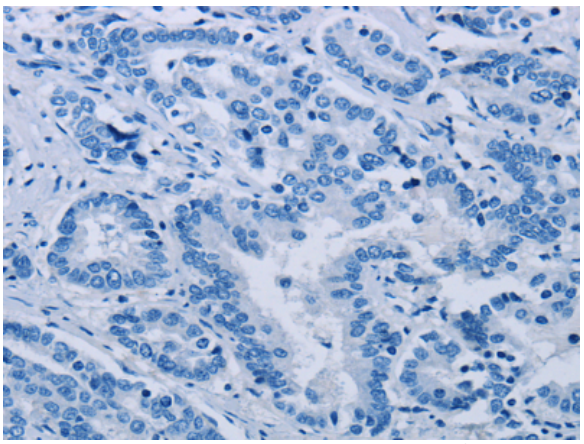
Cat.#: S217481
Product Name: Anti-NR3C1 Rabbit Polyclonal Antibody
Synonyms: GR; GCR; GRL; GCCR; GCRST
UNIPROT ID: P04150 (Gene Accession - BC015610)
Background: This gene encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid response elements 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.
Immunogen: Fusion protein of human NR3C1
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction, Epigenetics and Nuclear Signaling
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

Product Description

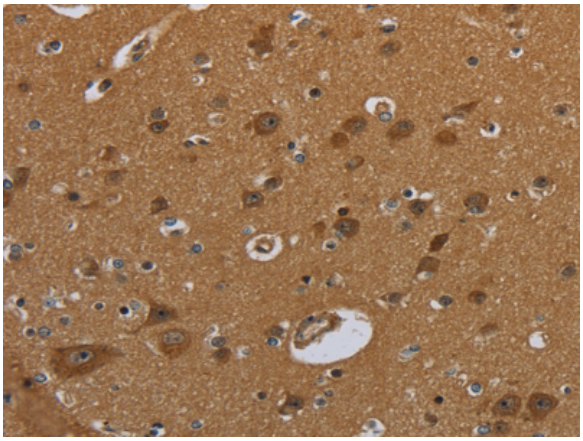
Pioneering GTPase and Oncogene Product Development since 2010



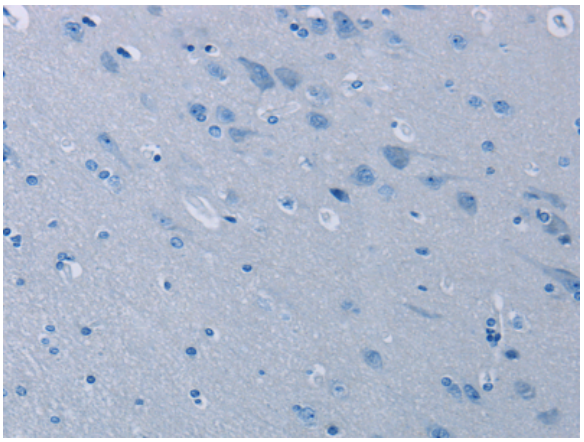
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217481(NR3C1 Antibody) at a dilution of 1/30(Cytoplasm).



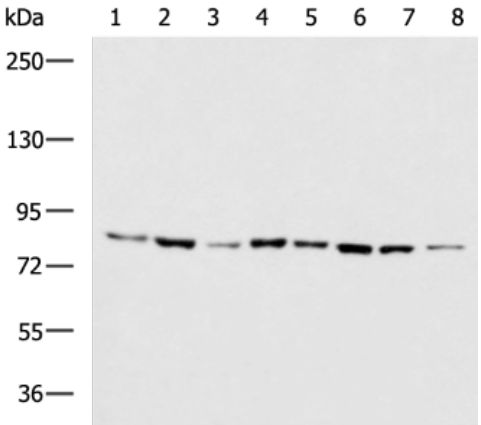
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217481(Anti-NR3C1 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 217481(Anti-NR3C1 Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with fusion protein and then with D222424(Anti-NR3C1 Antibody) at dilution 1/30.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
Lane 1-8: K562, 231, Hela, HepG2 cell, Mouse liver tissue, A172 cell, Jurkat cell, Mouse smooth muscle cell lysates;
Primary antibody: 217481(NR3C1 Antibody) at dilution 1/700;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 2 minutes