

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## NR3C1 RABBIT PAB

Cat.#: S219828

**Product Name:** Anti-NR3C1 Rabbit Polyclonal Antibody

Synonyms: GR; GCR; GRL; GCCR

UNIPROT ID: P04150 (Gene Accession - NP\_000167)

**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.

Immunogen: Synthetic peptide of human NR3C1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-5000

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



Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 219828(NR3C1 Antibody) at a dilution of 1/50(Cytoplasm).

In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 219828(Anti-NR3C1

Antibody) at dilution 1/50.