

NR3C1 antibody (rAb), 100 µg

Catalog No: 91611

Clone: 2F22

Application(s): IHC, WB

Reactivity: Human, Mouse

Quantity: 100 µg

Purification: Protein A Chromatography

Host: Rabbit

Isotype: IgG

Molecular Weight: 86 kDa

Background: NR3C1 (Nuclear Receptor Subfamily 3, Group C, Member 1 (Glucocorticoid Receptor)) is a receptor for glucocorticoids (GC). Has a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE), both for nuclear and mitochondrial DNA, and as a modulator of other transcription factors. Affects inflammatory responses, cellular proliferation and differentiation in target tissues. Could act as a coactivator for STAT5-dependent transcription upon growth hormone (GH) stimulation and could reveal an essential role of hepatic GR in the control of body growth. Involved in chromatin remodeling. Plays a significant role in transactivation.

Immunogen: This antibody was raised against the NR3C1 fusion protein.

Buffer: Purified IgG in PBS, pH 7.3, with 50% glycerol and 0.02% sodium azide. Sodium azide is highly toxic.

Application Notes:

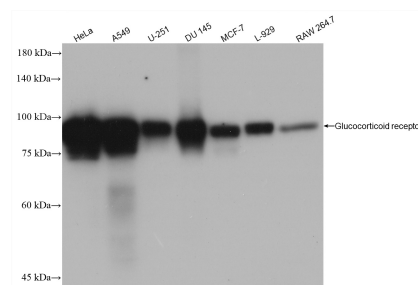
Applications Validated by Active Motif:

WB: 1:5000-1:50000 dilution

IHC: 1:175-1:700 dilution

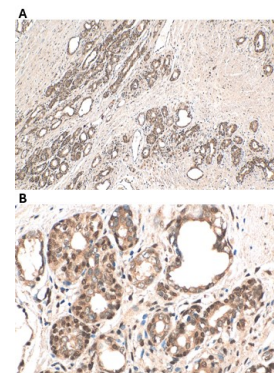
Storage and Guarantee: Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage. This product is guaranteed for 12 months from date of receipt.

This product is for research use only and is not for use in diagnostic procedures.



NR3C1 antibody (rAb) tested by Western blot.

Detection of NR3C1 by Western blot analysis using various lysates and probed with NR3C1 antibody at 1:10000 dilution.



NR3C1 antibody (rAb) tested by Immunohistochemistry. NR3C1 antibody was used in IHC to stain human prostate cancer tissue at a 1:350 dilution under 10X lens (Panel A) and under 40X lens (Panel B). Heat me antigen retrieval with Tris-EDTA buffer (pH 9.0).