

Datasheet for ABIN6983803

**anti-NR3C2 antibody (AA 1-100) (Cy3)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | NR3C2                                                                                                                          |
| Binding Specificity: | AA 1-100                                                                                                                       |
| Reactivity:          | Rat                                                                                                                            |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This NR3C2 antibody is conjugated to Cy3                                                                                       |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human NR3C2/Mineralocorticoid receptor |
| Isotype:              | IgG                                                                                  |
| Cross-Reactivity:     | Rat                                                                                  |
| Predicted Reactivity: | Human, Mouse                                                                         |
| Purification:         | Purified by Protein A.                                                               |

## Target Details

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Target:           | NR3C2                                                               |
| Alternative Name: | NR3C2/Mineralocorticoid receptor ( <a href="#">NR3C2 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: Aldosterone receptor, MCR, MGC133092, MLR, MR, NR3 C2, NR3C2, NR3C2 protein, Nuclear receptor subfamily 3 group C member 2, MCR_HUMAN.<br>Background: Receptor for both mineralocorticoids (MC) such as aldosterone and glucocorticoids (GC) such as corticosterone or cortisol. Binds to mineralocorticoid response elements (MRE) and transactivates target genes. The effect of MC is to increase ion and water transport and thus raise extracellular fluid volume and blood pressure and lower potassium levels. |
| Gene ID:    | 4306                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| UniProt:    | <a href="#">P08235</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pathways:   | <a href="#">ACE Inhibitor Pathway</a> , <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a>                                                                                                                                                                                                                                                                                          |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |