

Datasheet for ABIN6944344  
**anti-NR4A1 antibody**



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## Overview

|              |                                                                                                                                      |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                                               |
| Target:      | NR4A1                                                                                                                                |
| Reactivity:  | Human, Mouse, Rat                                                                                                                    |
| Host:        | Rabbit                                                                                                                               |
| Clonality:   | Monoclonal                                                                                                                           |
| Conjugate:   | This NR4A1 antibody is un-conjugated                                                                                                 |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)),<br>Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                   |                        |
|-------------------|------------------------|
| Immunogen:        | N terminus human NUR77 |
| Clone:            | 1C1                    |
| Isotype:          | IgG                    |
| Cross-Reactivity: | Human, Mouse, Rat      |
| Purification:     | Purified by Protein A. |

## Target Details

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Target:           | NR4A1                                                                                 |
| Alternative Name: | NUR77 ( <a href="#">NR4A1 Products</a> )                                              |
| Background:       | Synonyms: Nuclear receptor subfamily 4 group A member 1, Early response protein NAK1, |

## Target Details

Orphan nuclear receptor HMR, Orphan nuclear receptor TR3, ST-59, Testicular receptor 3  
Nuclear hormone receptor NUR/77, Nur77

Background: Orphan nuclear receptor. May act concomitantly with NURR1 in regulating the expression of delayed-early genes during liver regeneration. Binds the NGFI-B response element (NBRE) 5'-AAAAGGTCA-3' (By similarity). May inhibit NF-kappa-B transactivation of IL2.

Participates in energy homeostasis by sequestering the kinase STK11 in the nucleus, thereby attenuating cytoplasmic AMPK activation.

|           |                                                                                                                                                                                                                                                                       |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID:  | 3164                                                                                                                                                                                                                                                                  |
| UniProt:  | <a href="#">P22736</a>                                                                                                                                                                                                                                                |
| Pathways: | <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> |

## Application Details

|                    |                                                      |
|--------------------|------------------------------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 1xTBS ( pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.               |
| 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 for 12 months.                                                                                      |
| Expiry Date:       | 12 months                                                                                                          |