

Datasheet for ABIN747449

**anti-NR4A1 antibody (AA 351-450) (Cy7)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                   |
| Target:              | NR4A1                                                                                                                                                    |
| Binding Specificity: | AA 351-450                                                                                                                                               |
| Reactivity:          | Human, Mouse, Rat                                                                                                                                        |
| Host:                | Rabbit                                                                                                                                                   |
| Clonality:           | Polyclonal                                                                                                                                               |
| Conjugate:           | This NR4A1 antibody is conjugated to Cy7                                                                                                                 |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                |
|-----------------------|----------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Nur77/GFRP |
| Isotype:              | IgG                                                            |
| Cross-Reactivity:     | Human, Mouse, Rat                                              |
| Predicted Reactivity: | Dog,Cow,Horse                                                  |
| Purification:         | Purified by Protein A.                                         |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | NR4A1                                    |
| Alternative Name: | Nur77 ( <a href="#">NR4A1 Products</a> ) |

## Target Details

Background: Synonyms: HMR, N10, TR3, NP10, GFRP1, NAK-1, NGFIB, NUR77, Nuclear receptor subfamily 4 group A member 1, Early response protein NAK1, Nuclear hormone receptor NUR/77, Orphan nuclear receptor HMR, Orphan nuclear receptor TR3, ST-59, Testicular receptor 3, NR4A1, NAK1  
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: [P22736](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Nuclear Receptor Transcription Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#)

## Application Details

Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
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.

## Handling

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Expiry Date: 12 months