

Datasheet for ABIN2780499  
**anti-NR2C1 antibody (C-Term)**



[Go to Product page](#)

2 Images

## Overview

|                      |                                                                         |
|----------------------|-------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                  |
| Target:              | NR2C1                                                                   |
| Binding Specificity: | C-Term                                                                  |
| Reactivity:          | Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Zebrafish (Danio rerio) |
| Host:                | Rabbit                                                                  |
| Clonality:           | Polyclonal                                                              |
| Conjugate:           | This NR2C1 antibody is un-conjugated                                    |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC)                       |

## Product Details

|                       |                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the C terminal region of human NR2C1                     |
| Sequence:             | LPALRLMNAT ITEELFFKGL IGNIRIDSVI PHILKMEPAD YNSQIIGHSI                                                         |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 86%       |
| Characteristics:      | This is a rabbit polyclonal antibody against NR2C1. It was validated on Western Blot and immunohistochemistry. |
| Purification:         | Affinity Purified                                                                                              |

## Target Details

|         |       |
|---------|-------|
| Target: | NR2C1 |
|---------|-------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | NR2C1 ( <a href="#">NR2C1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Background:       | <p>The nuclear orphan receptors NR2C1 represses transcription and binds DNA as a homodimer. NR2C1 binds the IR7 element in the promoter of its own gene in an autoregulatory negative feedback mechanism. NR2C1 may function as a negative modulator to suppress androgen receptor function in prostate cancer. NR2C1 may exert an important repressor in regulating ER activity in mammary glands. The nuclear orphan receptors TR2 (NR2C1) and TR4 form a heterodimer that binds to the epsilon and gamma globin promoter DR1 sites</p> <p>Alias Symbols: TR2, TR2-11</p> <p>Protein Interaction Partner: PSPC1, MBD3, SIN3A, RCOR1, KDM1A, POLD3, TRIM28, RBM39, MTA2, MTA1, HDAC3, NR2C2, SMARCA4, SFPQ, RBBP7, RBBP4, NONO, HDAC2, HDAC1, HCFC1, DNMT1, CHD4, NUDT3, UBC, PML, HDAC4, NRIP1, AR, ESR1,</p> <p>Protein Size: 603</p> |
| Molecular Weight: | 67 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID:          | 7181                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NCBI Accession:   | <a href="#">NM_003297</a> , <a href="#">NP_003288</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt:          | <a href="#">Q15625</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Pathways:         | <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Retinoic Acid Receptor Signaling Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 603 AA                                                               |
| Restrictions:      | For Research Use only                                                              |

## Handling

|                    |                                                                                                     |
|--------------------|-----------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                              |
| Concentration:     | Lot specific                                                                                        |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative:      | Sodium azide                                                                                        |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which                       |

## Handling

should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

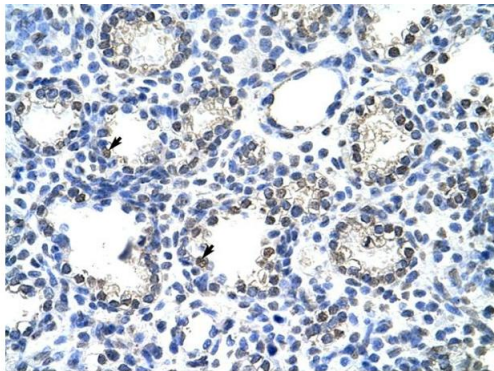
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-NR2C1 Antibody Titration: 0.1ug/ml Positive Control: HepG2 cell lysate NR2C1 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells



Rabbit Anti-NR2C1 Antibody  
Catalog Number: ARP38287  
Lot Number: QC10859  
Paraffin Embedded Tissue: Human Lung  
Cells with Positive label: Alveolar cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X

### Immunohistochemistry

**Image 2.** Human Lung