

**NR2C1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16146b**

**Specification**

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**NR2C1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P13056</a>
Other Accession	<a href="#">O95K90</a> , <a href="#">A0JNE3</a> , <a href="#">NP_001027458.1</a> , <a href="#">NP_001120834.1</a>
Reactivity	Human
Predicted	Bovine, Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	67315
Antigen Region	516-545

**NR2C1 Antibody (C-term) - Additional Information**

**Gene ID** 7181

**Other Names**

Nuclear receptor subfamily 2 group C member 1, Orphan nuclear receptor TR2, Testicular receptor 2, NR2C1, TR2

**Target/Specificity**

This NR2C1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 516-545 amino acids from the C-terminal region of human NR2C1.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

NR2C1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NR2C1 Antibody (C-term) - Protein Information**

**Name** NR2C1

**Synonyms** TR2

**Function** Orphan nuclear receptor. Binds the IR7 element in the promoter of its own gene in an autoregulatory negative feedback mechanism. Primarily repressor of a broad range of genes. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat consensus sequences. Together with NR2C2, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription. Also activator of OCT4 gene expression. May be involved in stem cell proliferation and differentiation. Mediator of retinoic acid-regulated preadipocyte proliferation.

**Cellular Location**

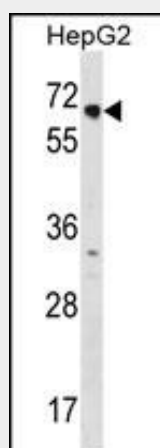
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00407}. Nucleus, PML body. Note=Recruited by HDAC3, after all- trans retinoic acid stimulated MAPK1-mediated Thr-223 phosphorylation, to PML bodies for subsequent sumoylation.

**NR2C1 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**NR2C1 Antibody (C-term) - Images**



NR2C1 Antibody (C-term) (Cat. #AP16146b) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the NR2C1 antibody detected the NR2C1 protein (arrow).

**NR2C1 Antibody (C-term) - Background**

This gene encodes a nuclear hormone receptor characterized by a highly conserved DNA binding domain (DBD), a variable hinge region, and a carboxy-terminal ligand binding domain (LBD) that is

typical for all members of the steroid/thyroid hormone receptor superfamily. This protein also belongs to a large family of ligand-inducible transcription factors that regulate gene expression by binding to specific DNA sequences within promoters of target genes. Multiple alternatively spliced transcript variants have been described, but the full-length nature of some of these variants has not been determined.

#### **NR2C1 Antibody (C-term) - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :  
Lin, Y.L., et al. Biochem. Biophys. Res. Commun. 350(2):430-436(2006)  
Li, G., et al. Biochem. Biophys. Res. Commun. 310(2):384-390(2003)  
Mu, X., et al. Prostate 57(2):129-133(2003)  
Franco, P.J., et al. Mol. Endocrinol. 15(8):1318-1328(2001)