

Datasheet for ABIN1537335  
**anti-TR4 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	TR4 (NR2C2)
Binding Specificity:	AA 438-466, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TR4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	This NR2C2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 438-466 amino acids from the C-terminal region of human NR2C2.
Clone:	RB40239
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	TR4 (NR2C2)
Alternative Name:	NR2C2 ( <a href="#">NR2C2 Products</a> )

## Target Details

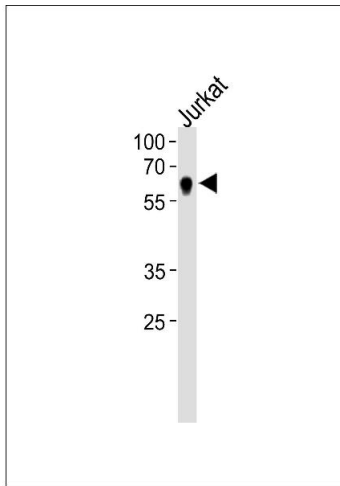
Background:	Members of the nuclear hormone receptor family, such as NR2C2, act as ligand-activated transcription factors. The proteins have an N-terminal transactivation domain, a central DNA-binding domain with 2 zinc fingers, and a ligand-binding domain at the C terminus. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes (Yoshikawa et al., 1996 [PubMed 8661150]).
Molecular Weight:	65414
Gene ID:	7182
NCBI Accession:	<a href="#">NP_003289</a>
UniProt:	<a href="#">P49116</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Tube Formation</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000
Restrictions:	For Research Use only

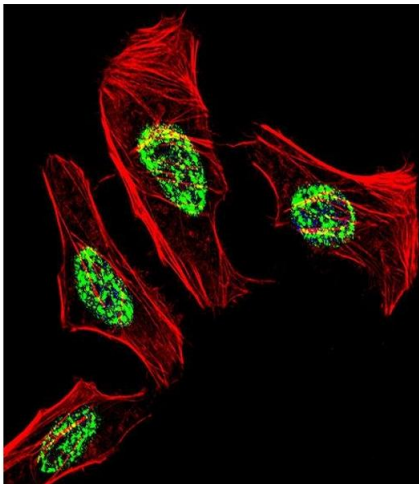
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	NR2C2 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



### Western Blotting

**Image 1.** NR2C2 Antibody (C-term) (ABIN1537335 and ABIN2838328) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the NR2C2 antibody detected the NR2C2 protein (arrow).



### Immunofluorescence

**Image 2.** Fluorescent confocal image of HeLa cell stained with NR2C2 Antibody (C-term) (ABIN1537335 and ABIN2838328). HeLa cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with NR2C2 primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). NR2C2 immunoreactivity is localized to Nucleus significantly.