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Datasheet for ABIN2856042 anti-TR4 antibody

3 Images

Image: state state

Overview

Quantity:	100 µL
Target:	TR4 (NR2C2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TR4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human NR2C2. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to NR2C2 (nuclear receptor subfamily 2, group C, member 2) NR2C2 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	TR4 (NR2C2)
Alternative Name:	nuclear receptor subfamily 2 group C member 2 (NR2C2 Products)

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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]).[supplied by
	OMIM]
	Cellular Localization: Nucleus
Molecular Weight:	65 kDa

Gene ID:	7182
UniProt:	P49116
Pathways:	TCR Signaling, Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling
	Pathway, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector
	Process, Production of Molecular Mediator of Immune Response, Tube Formation, Toll-Like
	Receptors Cascades

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations
	should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299 , Molt-4
	Validation: Orthogonal
Restrictions:	For Research Use only

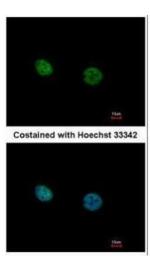
Handling

Format:	Liquid
Concentration:	0.42 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

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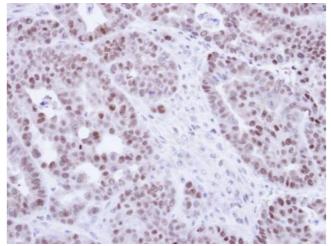
Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



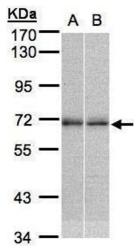
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using NR2C2, antibody at 1:500 dilution.



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded NCIN87 Xenograft, using NR2C2, antibody at 1:100 dilution.



Western Blotting

Image 3. WB Image Sample (30µg whole cell lysate) A:H1299 B:MOLT4 , 7.5% SDS PAGE antibody diluted at 1:500

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