Datasheet for ABIN630120

anti-TR4 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	TR4 (NR2C2)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TR4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	NR2 C2 antibody was raised using the C terminal of NR2 2 corresponding to a region with amino acids AQCAQVMSLSTILAAIVNHLQNSIQEDKLSGDRIKQVMEHIWKLQEFCNS
Specificity:	NR2 C2 antibody was raised against the C terminal of NR2 2
Purification:	Purified

Target Details

Target:	TR4 (NR2C2)
Alternative Name:	NR2C2 (NR2C2 Products)
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

Target Details

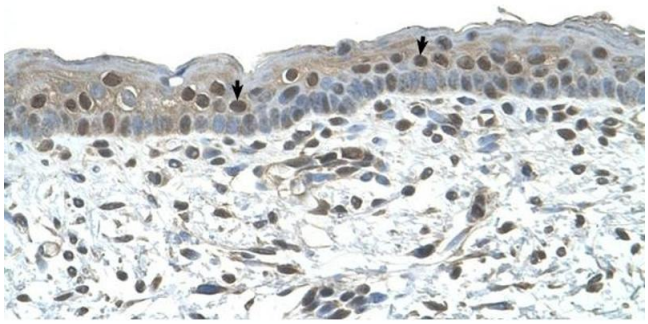
	activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes.Members of the nuclear hormone receptor family, such as NR2C2, act as ligand-activated transcription factors. The proteins have an N-terminal transactivation domain, a central DNA-binding domain with 2 zinc fingers, and a ligand-binding domain at the C terminus.
Molecular Weight:	67 kDa (MW of target protein)
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: 2.5 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	NR2C2 Blocking Peptide, catalog no. 33R-1445, is also available for use as a blocking control in assays to test for specificity of this NR2C2 antibody
Restrictions:	For Research Use only

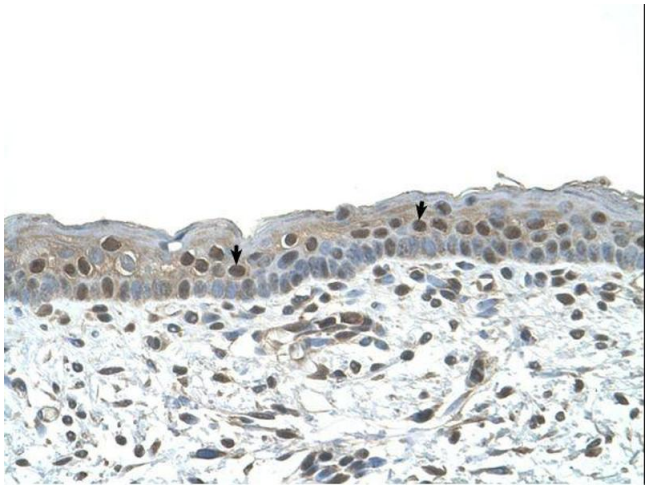
Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of NR0 2 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



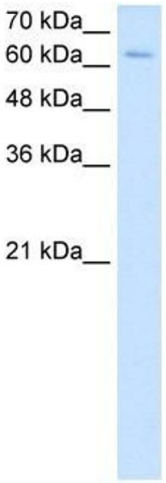
Immunohistochemistry

Image 1. NR2C2 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Squamous epithelial cells (arrows) in Human Skin. Magnification is at 400X



Immunohistochemistry

Image 2. NR2C2 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml. Magnification is at 400X



Western Blotting

Image 3. NR2C2 antibody used at 2.5 ug/ml to detect target protein.