Datasheet for ABIN2783187

anti-TR4 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	TR4 (NR2C2)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Pig, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TR4 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 NR2C2
Sequence:	AQCAQVMSLS TILAAIVNHL QNSIQEDKLS GDRIKQVMEH IWKLQEFCNS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NR2C2. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	TR4 (NR2C2)

Target Details

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 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. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes (Yoshikawa et al., 1996).[supplied by OMIM]. Alias Symbols: TAK1, TR2R1, TR4, hTAK1 Protein Interaction Partner: VPRBP, CUL4B, UBC, DDB1, KDM1A, NR2C2, HSP90AA1, JAZF1, TAB2, TRAF6, PELI1, PELI2, RBCK1, PDLIM7, TAB1, TRIM28, MTA1, HDAC3, NR2C1, RBBP4, HDAC1, DNMT1, CHD4, Cebpb, ITSN2, CD2AP, RXRB, NR2C2AP, PEBP1, HSP90AB1, CDC37, IKBKB, FKBP5, TRAF2, CHUK, HNF4A, AR Protein Size: 615
Molecular Weight:	67 kDa
Gene ID:	7182
NCBI Accession:	NM_003298, NP_003289
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

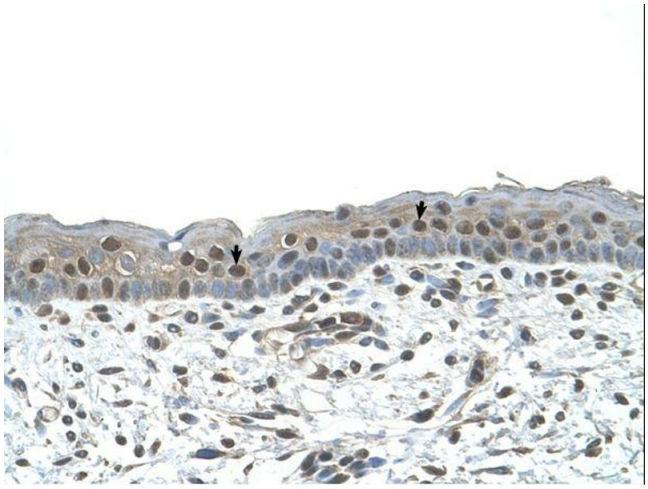
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 615 AA
Restrictions:	For Research Use only

Handling

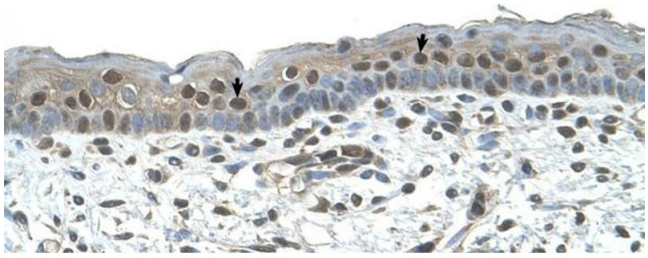
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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



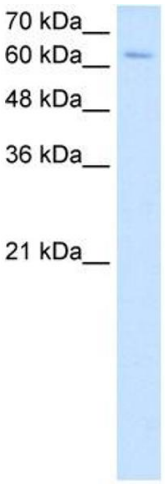
Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2. Human Skin



Western Blotting

Image 3. NR2C2 antibody - C-terminal region validated by WB using HepG2 cell lysate at 2.5ug/ml.