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# Datasheet for ABIN2782282 anti-NR5A1 antibody (Middle Region)

2 Images

1 Publication



#### Overview

Quantity:	100 µL
Target:	NR5A1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Guinea Pig, Dog, Horse, Rabbit, Cow, Sheep, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR5A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NR5A1
Sequence:	SLHGPEPKGL AAGPPAGPLG DFGAPALPMA VPGAHGPLAG YLYPAFPGRA
Predicted Reactivity:	Cow: 79%, Dog: 86%, Guinea Pig: 91%, Horse: 86%, Human: 100%, Pig: 92%, Rabbit: 79%, Rat:
	86%, Sheep: 79%
Characteristics:	This is a rabbit polyclonal antibody against NR5A1. It was validated on Western Blot using a cell
	lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	NR5A1

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Target Details	
Alternative Name:	NR5A1 (NR5A1 Products)
Background:	NR5A1 is an important regulator of steroidogeneisis which is present in human skin and its
	appendages. It plays a role in regulating p450scc expression with TReP-132 and CBP/p300.
	The protein encoded by this gene is a transcriptional activator involved in sex determination.
	The encoded protein binds DNA as a monomer. Defects in this gene are a cause of XY sex
	reversal with or without adrenal failure as well as adrenocortical insufficiency without ovarian
	defect. Publication Note: This RefSeq record includes a subset of the publications that are
	available for this gene. Please see the Entrez Gene record to access additional publications.
	Alias Symbols: AD4BP, ELP, FTZ1, FTZF1, SF-1, SF1, POF7, SPGF8, SRXY3
	Protein Interaction Partner: NCK2, NR0B1, RAD54L2, THOC2, ALYREF, EIF4A3, DDX39B, UBC,
	BARD1, ELAVL1, TCF7L2, CTNNB1, CREBBP, CXXC1, PNRC2, SOX8, PIAS1, ZNF653, TRERF1,
	EDF1, GATA4, GTF2B, SOX2, SOX9, TBX19, NCOA1, NRIP1, PITX1, SMARCD3, PROX1, AR, SP1,
	NFYA, MAPK1, JUN, NFKB2,
	Protein Size: 461
Molecular Weight:	52 kDa
Gene ID:	2516
NCBI Accession:	NM_004959, NP_004950
UniProt:	Q13285
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway,
	Maintenance of Protein Location

# Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 461 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.

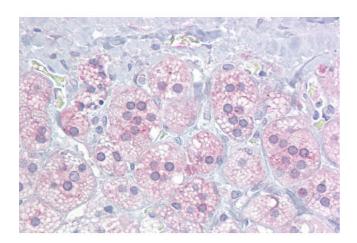
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#### Handling

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.
Publications	

# Product cited in: Derebecka-Holysz, Lehmann, Holysz, Trzeciak: "SMAD3 inhibits SF-1-dependent activation of the CYP17 promoter in H295R cells." in: **Molecular and cellular biochemistry**, Vol. 307, Issue 1-2, pp. 65-71, (2007) (PubMed).

#### Images

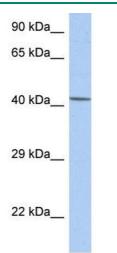


#### Immunohistochemistry

**Image 1.** Immunohistochemistry with Adrenal tissue at an antibody concentration of 10µg/ml using anti-NR5A1 antibody (ARP45619\_P050)

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#### Images



#### Western Blotting

**Image 2.** WB Suggested Anti-NR5A1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: THP-1 cell lysate

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