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Datasheet for ABIN7126451

Recombinant anti-NR5A1 antibody

Overview

Quantity:	100 µg
Target:	NR5A1
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This NR5A1 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment of human SF-1 protein (exact sequence is proprietary)
Isotype:	IgG
Specificity:	<p>Steroidogenic Factor 1 (SF-1) is considered an orphan nuclear receptor that belongs to subfamily 5. It was found to be a regulator of steroidogenic enzyme gene expression. Oxysterols are suggested as its ligands. It is expressed in all steroidogenic tissues, including the adrenal cortex, testicular Sertoli cells, and Leydig cells, ovarian theca, hypothalamus, and anterior pituitary. SF-1 plays an important role in adrenal and gonadal development. SF-1 is highly valuable marker to determine the adrenocortical origin of an adrenal mass.</p>
Cross-Reactivity (Details):	Human and rat.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	NR5A1
Alternative Name:	NR5A1 (NR5A1 Products)
Background:	Adrenal 4 binding protein (AD4BP), ELP, Fushi tarazu factor homolog 1 (FTZ1), Nuclear receptor AdBP4, Nuclear receptor subfamily 5 group A member 1 (NR5A1), POF7, SPGF8, SRXY3, Steroid hormone receptor Ad4BP, Steroidogenic factor 1 (SF1), Steroidogenic factor 1 nuclear receptor, STF1, Steroidogenic Factor 1 (SF-1) Cellular localisation: Nuclear
Molecular Weight:	53kDa
Gene ID:	2516, 495108
UniProt:	Q13285
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Maintenance of Protein Location

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. Positive_Control: Human testis or adrenal cortical carcinoma.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months