

Datasheet for ABIN1387521
anti-NR6A1 antibody (AA 251-350)



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Overview

Quantity:	100 µL
Target:	NR6A1
Binding Specificity:	AA 251-350
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR6A1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GCNF
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NR6A1
Alternative Name:	GCNF (NR6A1 Products)

Target Details

Background:	<p>Synonyms: GCNF 1, GCNF, GCNF1, Germ cell nuclear factor, hGCNF, hRTR, NR 61, NR61, NR6A1, NR6A1_HUMAN, Nuclear receptor subfamily 6 group A member 1, Orphan nuclear receptor NR6A1, Retinoic acid receptor related testis associated receptor, Retinoid receptor related testis specic receptor, Retinoid receptor-related testis-specific receptor, RTR.</p> <p>Background: Germ cell nuclear factor (GCNF) is an orphan member of the nuclear receptor gene superfamily that influences neurogenesis and germ cell development. GCNF can homodimerize and bind DNA. GCNF regulates paracrine interaction between the oocyte and somatic cells by regulating the expression of BMP-15 and GDF-9, to affect female fertility. GCNF is present in spermatocytes and round spermatids of adult male mouse testis, northern blot and ribonuclease protection assays have shown GCNF is predominant in the testis. The gene expresses three alternatively spliced transcript variants.</p>
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months