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Nr5a1 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11227

Product Information

Application	WB
Primary Accession	P33242
Other Accession	NM_139051, NP_620639
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52077

Additional Information

Gene ID	26423
Alias Symbol	Ad4BP, ELP, ELP-3, Ftz-F1, Ftzf1, SF-1, SF1
Other Names	Steroidogenic factor 1, SF-1, STF-1, Adrenal 4-binding protein, Embryonal LTR-binding protein, ELP, Embryonal long terminal repeat-binding protein, Fushi tarazu factor homolog 1, Nuclear receptor subfamily 5 group A member 1, Steroid hormone receptor Ad4BP, Steroid hydroxylase positive regulator, Nr5a1, Ftzf1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Nr5a1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Nr5a1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

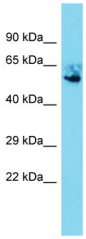
Protein Information

Name	Nr5a1
Synonyms	Ftzf1
Function	Transcriptional activator. Seems to be essential for sexual differentiation and formation of the primary steroidogenic tissues. Binds to the Ad4 site found in the promoter region of steroidogenic P450 genes such as CYP11A, CYP11B and CYP21B. Also regulates the AMH/Muellerian inhibiting substance gene as well as the AHCH and STAR genes. 5'-YCAAGGYC-3' and

5'-RRAGGTCA-3' are the consensus sequences for the recognition by NR5A1. The SFPQ-NONO-NR5A1 complex binds to the CYP17 promoter and regulates basal and cAMP-dependent transcriptional activity (By similarity). Transcription repressor of the Moloney leukemia virus long terminal repeat in undifferentiated murine embryonal carcinoma cells. Binds phosphatidylcholine and phospholipids with a phosphatidylinositol (PI) headgroup, in particular phosphatidyl(3,4)bisphosphate, phosphatidyl(3,5)bisphosphate and phosphatidyl(3,4,5)triphosphate. Activated by the phosphorylation of NR5A1 by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation.

Cellular Location Nucleus.

Images



Host: Rabbit
Target Name: Nr5a1
Sample Tissue: Mouse Lung lysates
Antibody Dilution: 1.0µg/ml