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Product datasheet for TA363041

Nr5a1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse NR5A1
Specificity:	Expected reactivity: Mouse
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	50 kDa
Gene Name:	nuclear receptor subfamily 5, group A, member 1
Database Link:	<u>NP_001303616.1</u> <u>Entrez Gene 26423 Mouse</u> <u>P33242</u>



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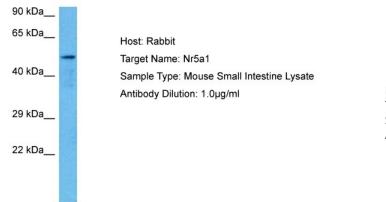
GRIGENE Nr5a1 Rabbit Polyclonal Antibody – TA363041

Background: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.

Synonyms:

AD4BP; ELP; FTZ1; FTZF1; POF7; SF-1; SF1; STF-1

Product images:



Host: Rabbit Target Name: NR5A1 Sample Tissue: Mouse Small Intestine lysates Antibody Dilution: 1ug/ml

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