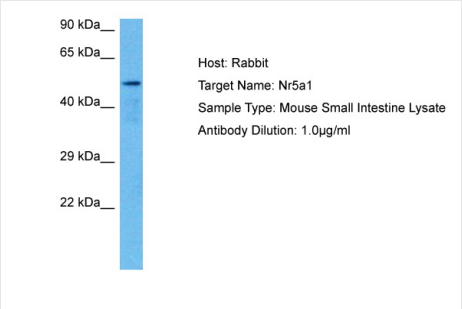
NR5A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NR5A1, Polyclonal Antibody
Full Product Name	NR5A1 Antibody-middlel region
Product Gene Name	anti-NR5A1 antibody
Product Synonym Names	steroidogenic factor 1; ELP; SF1; SF-1; Ad4BP; ELP-3; Ftzf1; STF-1; Ftz-F1
Immunogen Sequence	SCKIDKTQRK RCPFCRFQKC LTVGMRLEAV RADRMRGGRN KFGPMYKRDR
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Concentration	Batch dependent within range: 100ul at 0.5-1mg/ml (lot specific)
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	NR5A1 peptide (MBS3249387) is used for blocking the activity of NR5A1 antibody (MBS3249713)
Molecular Weight	50kDa
3D Structure	ModBase 3D Structure for P33242
Protein Size	462 amino acids
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of mouse NR5A1
Applications Tested/Suitable for anti-NR5A1 antibody	Western Blot (WB)
Related Product Information for anti-NR5A1 antibody	Description of Target: 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.
Other Notes	Small volumes of anti-NR5A1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NR5A1 purchase	MBS3249713 is an antibody targeting NR5A1. Also known as NR5A1 Antibody-middlel region. Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-NR5A1 antibody
Host: RabbitTarget Name: NR5A1Sample Tissue: Mouse Small Intestine lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NR5A1. It may not necessarily be applicable to this product.

NCBI GeneID	26423
NCBI Accession #	NM_001316687.1
UniProt Primary Accession #	P33242
UniProt Related Accession #	NP_001303616.1
UniProt Protein Name	Steroidogenic factor 1
UniProt Synonym Protein Names	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
Protein Family	Steroidogenic factor
UniProt Gene Name	Nr5a1
UniProt Synonym Gene Names	Ftzf1; SF-1; STF-1; ELP
UniProt Entry Name	STF1_MOUSE
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