



COSMO BIO CO., LTD.
Inspiration for Life Science

KAL-KO611

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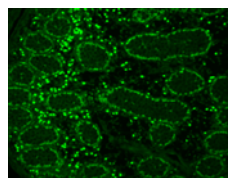
Anti bovine NR5A1 Polyclonal Antibody

Code No.	KO611
Category	Development/Differentiation
Target	NR5A1(SF-1)
Type	Polyclonal Antibody
Concentration	0.25mg/ml
Contents (Volume)	50μg (200μL/vial)
Gene ID	281948
Primary Source	Ensembl:ENSBTAG00000009017
Synonyms	SF-1
Immunogen	Recombinant protein of bovine NR5A1 (full length)
Raised in	Rabbit
Purification	ProteinG
Source	Rabbit Serum
Cross Reactivity	mouse
Label	Unlabeled
Buffer	PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]
Storage	Store below -20°C. Once thawed, store at 4°C. Repeated freeze-thaw cycles should be avoided.
Application	ELISA, WB, IHC, ICC, IP, IF

Recommended Antibody Dilutions

ELISA	WB	IHC	ICC
1.0	1.0-5.0	1.0-2.0	1.0-5.0
IP	FCM	IF	Neutralization
5.0-10	Not Tested	1.0-5.0	Not Tested

(μg/mL)



IF
Sample:
mouse testis

Preparation of antibodies
Dr. Ken-ichiro Morohashi
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UniProt Summary	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. Binds phospholipids with a phosphatidylinositol (PI) headgroup, in particular PI(3,4)P2 and PI(3,4,5)P3.
Reference	1) Nomura M, et al: J. Biochem(1998) 124 : 217-224*

Manufactured by TransGenic Inc.



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