

KO611

Anti Bovine NR5A1 Polyclonal Antibody

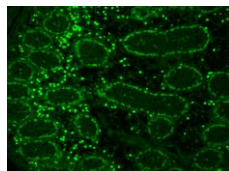
Code No. KO611
Category Development/Differentiation
Target NR5A1(SF-1)
Type Polyclonal Antibody
Concentration 0.25mg/ml
Contents (Volume) 50µg (200µL/vial)
Gene ID 281948
Primary Source Ensembl:ENSBTAG00000009017
Synonyms SF-1
Immunogen Recombinant protein of Bovine NR5A1 (full length)

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-ichirou Morohashi
 Biology of sex differences Department of Molecular Biology Faculty of Medical Sciences, Kyushu University, Fukuoka, JAPAN

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*

*Application Reference