Datasheet for ABIN731003
anti-FSHB antibody (AA 61-98)

| **3** | Images | | **1** | Publication |

Overview

Quantity:	100 µL
Target:	FSHB
Binding Specificity:	AA 61-98
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FSHB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FSHB
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Cow,Sheep,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	FSHB

Target Details

Alternative Name:	FSH/FSHB (FSHB Products)
Background:	Synonyms: HH24, Follitropin subunit beta, Follicle-stimulating hormone beta subunit, FSH-B, FSH-beta, Follitropin beta chain, FSHB Background: Stimulates development of follicle and spermatogenesis in the reproductive organs.
Gene ID:	2488
UniProt:	P01225
Pathways:	Peptide Hormone Metabolism, Hormone Activity, C21-Steroid Hormone Metabolic Process

Application Details

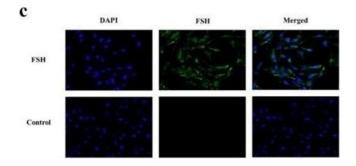|	

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

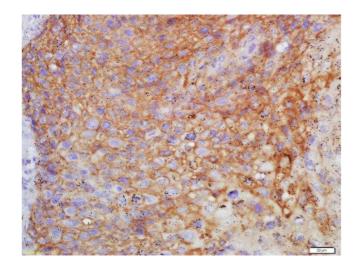|	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in: Yang, Ma, Wang, Yao, Zhao, Zhao, Wang, Zhang: "Genome-Wide Analysis and Function Prediction of Long Noncoding RNAs in Sheep Pituitary Gland Associated with Sexual Maturation." in: **Genes**, Vol. 11, Issue 3, (2021) (PubMed).
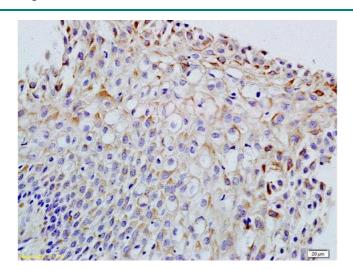
Images

Immunofluorescence (Cultured Cells)

Image 1. The validation of the interaction between lncRNA TCONS_00066406 and its targeted gene HSD17B12, with (a) and (b) representing the expression levels of HSD17B12 and lncRNA TCONS_00066406 in different tissues, respectively. (c) The immunofluorescence staining of FSH in isolated cells. (d) The gel electrophoresis results of FSH and LH PCR amplification products. (e) The relative expression of lncRNA TCONS_00066406, HSD17B12, FSH and LH after sheep pituitary cell transfection using TCONS_00066406 siRNA. The qPCR results were expressed relative to the TM group as the mean values ± SEM and the relative expression levels were normalized to the expression levels of GAPDH. a, b and c: different letters denote statistically significant differences within each group, * denotes the significant difference between two groups, $p < 0.05$. - figure provided by CiteAb. Source: PMID32192168

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human endometrium labeled with Anti-FSH/FSHB Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining

Images

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat ovary labeled with Anti-FSH/FSHB Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining