SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-FSH beta antibody

Catalog Number: SL1536R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FSH beta
Immunogen:	KLH conjugated synthetic peptide derived from human FSHB: 61-98/129
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Pig,Cow,Horse,Rabbit,Sheep,GuineaPig)
Predicted MW.:	12kDa
Subcellular Location:	Secretory protein
Background:	The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. All of these glycoproteins consist of an identical alpha subunit and a hormone-specific beta subunit. This gene encodes the beta subunit of follicle-stimulating hormone. In conjunction with luteinizing hormone, follicle-stimulating hormone induces egg and sperm production. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq, Jul 2008] **Function:** Stimulates development of follicle and spermatogenesis in the reproductive organs. **Subunit:** Heterodimer of a common alpha chain and a unique beta chain which confers biological specificity to thyrotropin, lutropin, follitropin and gonadotropin. **Subcellular Location:** Secreted. DISEASE: Defects in FSHB are a cause of isolated follicle-stimulating

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	hormone deficiency (IFSHD) [MIM:229070]. Selective follicle-stimulating hormone deficiency is an uncommon cause of infertility, producing amenorrhea and hypogonadism in women and oligo or azoospermia with normal testosterone levels in normally virilised men. **Similarity:** Belongs to the glycoprotein hormones subunit beta family. **Database links:** **Entrez Gene:** 2488 Human **Entrez Gene:** 100008946 Rabbit Omim: 136530 Human **SwissProt:** P01225 Human **SwissProt:** Q6IY73 Rabbit **Unigene:** 36975 Human Follicle-stimulating hormone and luteinizing hormone are collectively called gonadotropins and have the effect of promoting follicular development and maturation， and together with luteinizing hormone promote estrogen secretion.

[VALIDATION IMAGES]

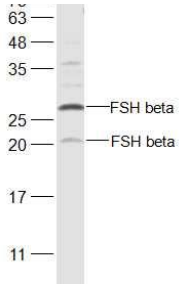


Figure 1. Sample: Hela(Human) Cell Lysate at 30 ug Primary: Anti-FSH beta (SL1536R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 12 kD Observed band size: 22/27 kD

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.