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FSHB Antibody (Center T70)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6797c

Product Information

Application	WB, E
Primary Accession	P01225
Other Accession	Q6IY73
Reactivity	Human
Predicted	Rabbit, Mouse, Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB19519
Calculated MW	14700
Antigen Region	55-83

Additional Information

Gene ID	2488
Other Names	Follitropin subunit beta, Follicle-stimulating hormone beta subunit, FSH-B, FSH-beta, Follitropin beta chain, FSHB
Target/Specificity	This FSHB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-83 amino acids from the Central region of human FSHB.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FSHB Antibody (Center T70) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FSHB
Function	Together with the alpha chain CGA constitutes follitropin, the follicle-stimulating hormone, and provides its biological specificity to the

	hormone heterodimer. Binds FSHR, a G protein-coupled receptor, on target cells to activate downstream signaling pathways (PubMed:24692546, PubMed:2494176). Follitropin is involved in follicle development and spermatogenesis in reproductive organs (PubMed:407105, PubMed:8220432).
Cellular Location	Secreted. Note=Efficient secretion requires dimerization with CGA

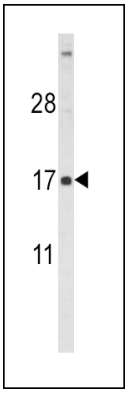
Background

FSHB stimulates development of follicle and spermatogenesis in the reproductive organs.

References

Grigorova,M., et.al., J. Clin. Endocrinol. Metab. (2009)

Images



Western blot analysis of FSHB Antibody (Center T70) (Cat. #AP6797c) in HL60 cell line lysates (35ug/lane). FSHB (arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.