

Anti-FSH beta (FSHB) Monoclonal Antibody

Catalog # ABO14765

Product Information

Application	WB, IP
Primary Accession	P01225
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-FSH beta (FSHB) Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human.

Additional Information

Gene ID	2488
Other Names	Follitropin subunit beta, Follicle-stimulating hormone beta subunit, FSH-B, FSH-beta, Follitropin beta chain, FSHB
Calculated MW	14700
Application Details	WB 1:500-1:2000 IP 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AFGI-6
Immunogen	A synthesized peptide derived from human FSH beta (FSHB) Follicle stimulating hormone enables ovarian folliculogenesis to the antral follicle stage and is essential for Sertoli cell proliferation and maintenance of sperm quality in the testis.
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

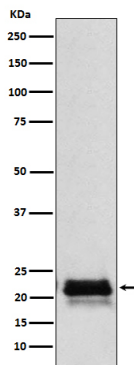
Name	FSHB
Function	Together with the alpha chain CGA constitutes follitropin, the

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

Images



Western blot analysis of FSH beta (FSHB) expression in Human pituitary lysate.

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