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FSH beta Antibody

Rabbit mAb
Catalog # AP92609

Product Information

Application	WB, IF, ICC
Primary Accession	P01225
Reactivity	Human
Clonality	Monoclonal
Other Names	FSHB; FSHbeta;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	14700

Additional Information

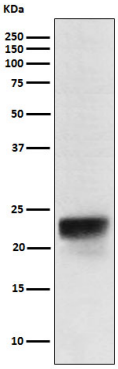
Dilution	WB 1:500~1:1000 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human FSH beta
Description	Follicle stimulating hormone enables ovarian folliculogenesis to the antral follicle stage and is essential for Sertoli cell proliferation and maintenance of sperm quality in the testis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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 expression in Human pituitary lysate.



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