

**FSHB Antibody (Center T70) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6797c****Specification**

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**FSHB Antibody (Center T70) Blocking Peptide - Product Information**Primary Accession [P01225](#)**FSHB Antibody (Center T70) Blocking Peptide - 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**

The synthetic peptide sequence used to generate the antibody [AP6797c](/products/AP6797c) was selected from the Center region of human FSHB. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FSHB Antibody (Center T70) Blocking Peptide - 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: [2494176](http://www.uniprot.org/citations/2494176), PubMed: [24692546](http://www.uniprot.org/citations/24692546)). Follitropin is involved in follicle development and spermatogenesis in reproductive organs (PubMed: [407105](http://www.uniprot.org/citations/407105), PubMed: [8220432](http://www.uniprot.org/citations/8220432)).

**Cellular Location**

Secreted. Note=Efficient secretion requires dimerization with CGA

**FSHB Antibody (Center T70) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**FSHB Antibody (Center T70) Blocking Peptide - Images****FSHB Antibody (Center T70) Blocking Peptide - Background**

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

**FSHB Antibody (Center T70) Blocking Peptide - References**

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