

FSHB/FSH Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13055c**Specification****FSHB/FSH Antibody (Center) Blocking peptide - Product Information**Primary Accession [P01225](#)**FSHB/FSH Antibody (Center) 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

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/FSH Antibody (Center) 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:http://www.uniprot.org/citations/2494176"

FSHB/FSH Antibody (Center) Blocking peptide - 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.

FSHB/FSH Antibody (Center) Blocking peptide - References

Canzian, F., et al. Hum. Mol. Genet. 19(19):3873-3884(2010) Corpuz, P.S., et al. Mol. Endocrinol. 24(5):1037-1051(2010) Grigorova, M., et al. J. Clin. Endocrinol. Metab. 95(1):100-108(2010) Ahn, J., et al. Hum. Mol. Genet. 18(19):3749-3757(2009) Chakrabarti, B., et al. Autism Res 2(3):157-177(2009)

target="_blank">2494176,
PubMed:<a href="http://www.uniprot.org/citations/24692546"
target="_blank">24692546).
Follitropin is involved in follicle
development and spermatogenesis in
reproductive organs (PubMed:<a href="http://www.uniprot.org/citations/407105"
target="_blank">407105, PubMed:8220432).

Cellular Location

Secreted. Note=Efficient secretion requires dimerization with CGA

FSHB/FSH Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)