

**FST Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14597b**

**Specification**

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**FST Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P19883](#)

**FST Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 10468

**Other Names**

Follistatin, FS, Activin-binding protein, FST

**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.

**FST Antibody (C-term) Blocking Peptide - Protein Information**

**Name** FST ([HGNC:3971](#))

**Function**

Binds directly to activin and functions as an activin antagonist. Specific inhibitor of the biosynthesis and secretion of pituitary follicle stimulating hormone (FSH).

**Cellular Location**

Secreted.

**Tissue Location**

Isoform 1 is the predominant isoform in serum but is undetectable in follicular fluid. In the embryo, strong expression is seen in the palatal epithelia, including the medial edge epithelial and midline epithelial seam of the palatal shelves. Less pronounced expression is also seen throughout the palatal shelf and tongue mesenchyme (PubMed:31215115).

**FST Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **FST Antibody (C-term) Blocking Peptide - Images**

#### **FST Antibody (C-term) Blocking Peptide - Background**

Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating hormone release. The single FST gene encodes two isoforms, FST317 and FST344 containing 317 and 344 amino acids respectively, resulting from alternative splicing of the precursor mRNA. In a study in which 37 candidate genes were tested for linkage and association with polycystic ovary syndrome (PCOS) or hyperandrogenemia in 150 families, evidence was found for linkage between PCOS and follistatin. [provided by RefSeq].

#### **FST Antibody (C-term) Blocking Peptide - References**

Chen, M.J., et al. Hum. Reprod. 25(3):779-785(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :Johnatty, S.E., et al. PLoS Genet. 6 (7), E1001016 (2010) :Fajardo, M., et al. Clin. Orthop. Relat. Res. 467(12):3071-3078(2009) Bloise, E., et al. BMC Cancer 9, 320 (2009) :