

Follistatin Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11052**Specification**

Follistatin Antibody - Product Information

Application	WB
Primary Accession	P19883
Other Accession	NP_037541
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	38007

Follistatin Antibody - Additional Information**Gene ID** 10468**Application & Usage****Western blot analysis (0.5-4 µg/ml).**
However, the optimal conditions should be determined individually.**Other Names**

Follistatin, FS

Target/Specificity

Follistatin

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-human Follistatin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Follistatin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Follistatin Antibody - 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).

Follistatin Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Follistatin Antibody - Images

Follistatin Antibody - Background

Follistatin belongs to a group of structurally-diverse diffusible proteins that binds to TGF-beta ligands and inhibit their activity by hindering access to signaling receptors. This naturally occurring antagonist binds to Activin, BMP-2,-4,-6,-7, Myostatin, GDF-11, and TGF-beta1. Follistatin is expressed in the pituitary, ovaries, decidual cells of the endometrium, and in some other tissues. Human Follistatin is a 31.5 kDa protein containing 288 amino acids.