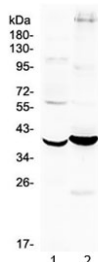


## Follistatin Antibody / FST (R32876)

Catalog No.	Formulation	Size
R32876	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	P19883
<b>Applications</b>	Western Blot : 0.5-1ug/ml ELISA (Capture; Human Recombinant Protein) : 0.1-0.5ug/ml (BSA-free format available)
<b>Limitations</b>	This Follistatin antibody is available for research use only.



Western blot testing of 1) mouse kidney and 2) human MCF7 cell lysate with Follistatin antibody at 0.5ug/ml. Predicted molecular weight ~38 kDa.

## Description

Follistatin also known as activin-binding protein is a protein that in humans is encoded by the FST gene. Follistatin is an autocrine glycoprotein that is expressed in nearly all tissues of higher animals. It 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.

## Application Notes

Optimal dilution of the Follistatin antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids N31-K261 was used as the immunogen for the Follistatin antibody.

## Storage

After reconstitution, the Follistatin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.