

Product Name: Follistatin Rabbit Polyclonal Antibody**Catalog #: APRab11063**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Molecular Weight	65kDa

Antigen Information

Gene Name	FST
Alternative Names	FST; Follistatin; FS; Activin-binding protein
Gene ID	10468.0
SwissProt ID	P19883
Immunogen	The antiserum was produced against synthesized peptide derived from human FST. AA range:121-170

Background

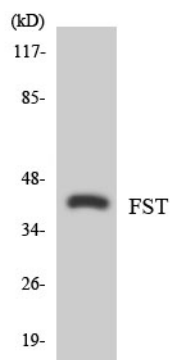
Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating hormone release. The single FST gene

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, Jul 2008],function: Binds directly to activin and functions as an activin antagonist. Specific inhibitor of the biosynthesis and secretion of pituitary follicle stimulating hormone (FSH).,similarity: Contains 1 TB (TGF-beta binding) domain.,similarity: Contains 3 follistatin-like domains.,similarity: Contains 3 Kazal-like domains.,subunit: Monomer .,tissue specificity: Isoform 1 is the predominant isoform in serum but is undetectable in follicular fluid.,

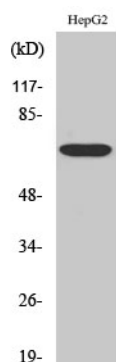
Research Area

TGF-beta;

Image Data



Western blot analysis of the lysates from COLO205 cells using FST antibody.



Western Blot analysis of various cells using Follistatin Polyclonal Antibody diluted at 1: 500