

Rabbit FST Polyclonal Antibody | anti-FST antibody

FST Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284331	Rabbit	Species Reactivity: Human (Predicted Reactivity: Chicken, Pig, Bovine, Horse, Sheep)	Immunohistochemistry, ELISA, Western Blot

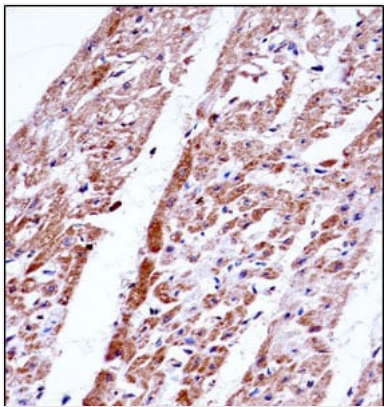
PRODUCT SYNONYMS

FST; Polyclonal Antibody; FST Antibody (C-term); Follistatin; FS; Activin-binding protein; anti-FST antibody

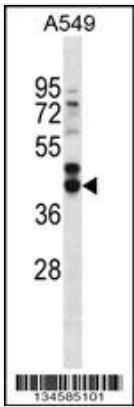
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Species Reactivity: Human (Predicted Reactivity: Chicken, Pig, Bovine, Horse, Sheep)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FST antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 312-340 amino acids from the C-terminal region of human FST.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	312-340
Sequence Length	317
Applicable Applications for anti-FST antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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).
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
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
FST Antibody (C-term) (AAA284331) immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of FST Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
FST Antibody (C-term) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the FST antibody detected the FST protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FST antibody	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].
Product Categories/Family for anti-FST antibody	Developmental Biology; Signal Transduction
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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453652
NCBI GeneID	10468
NCBI Accession #	NP_006341.1; NP_037541.1
NCBI GenBank Nucleotide #	NM_006350.3
UniProt Accession #	P19883; Q9BTH0; B5BU94
Molecular Weight	38007
NCBI Official Full Name	follistatin isoform FST317
NCBI Official Synonym Full Names	follistatin
NCBI Official Symbol	FST
NCBI Official Synonym Symbols	FS
NCBI Protein Information	follistatin
UniProt Protein Name	Follistatin
UniProt Gene Name	FST

UniProt Synonym Gene Names	FS
UniProt Entry Name	FST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fst-antibody-immunohistochemistry-western-blot-elisa/284331>