

Follistatin Polyclonal antibody

Catalog Number: 10474-1-AP

4 Publications

Basic Information

Catalog Number:

10474-1-AP

Size:

227 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0775

GenBank Accession Number:

BC004107

GeneID (NCBI):

10468

UNIPROT ID:

P19883

Full Name:

follistatin

Calculated MW:

33 aa, 7 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human, mouse, rat

Background Information

Follistatin (FST) is a member of the tissue growth factor β family and is a secreted glycoprotein that antagonizes many members of the family, including activin A, growth differentiation factor11, and myostatin. It binds activin A with high affinity and whose expression can be induced by activin A and several other pro-inflammatory cytokines. Activin A-follistatin complexes are biologically inactive and bind to cell surface heparan sulphate-containing proteoglycans for internalisation and degradation. It has also been found to play a significant role in the management of skeletal muscle size and mass. It also has important roles in early embryonic development, differentiation of ovarian granulosa cells, liver fibrosis and polycystic ovarian syndrome.

Notable Publications

Author	Pubmed ID	Journal	Application
Wang Guqi G	19317416	Mol Pharm	WB,IHC
Zhang D F DF	20926007	J Int Med Res	IHC
Shawn K Ahlfeld	26878215	Am J Pathol	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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