Follistatin Polyclonal ANTIBODY

Catalog Number: 10474-1-AP

Basic Information

Catalog Number: 10474-1-AP
Size: 150μL, 230μg/mL
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG0775
GenBank Accession Number: BC006107
GeneID (NCBI): 10668
Full Name: follistatin
Calculated MW: 33.7 kDa

Applications

Tested Applications: ELISA
Cited Applications: IHC, WB
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 factor 11, 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

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wang Guqi G</td>
<td>19317416</td>
<td>Mol Pharm</td>
<td>WB, IHC</td>
</tr>
<tr>
<td>Zhang D F DF</td>
<td>20926007</td>
<td>J Int Med Res</td>
<td>IHC</td>
</tr>
<tr>
<td>Shawn K Ahlfeld</td>
<td>26878215</td>
<td>Am J Pathol</td>
<td>IHC</td>
</tr>
</tbody>
</table>

Storage

Storage: Store at -20°C.
Storage Buffer: PBS with 0.1% 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:
T: 1 (888) 4PTGLAB (1-888-478-4522) | E: proteintech@ptglab.com
E: proteintech@ptglab.com | W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
Selected Validation Data