

Rabbit Anti-FSTL1/Biotin Conjugated antibody

SL6050R-Bio

Product Name	Anti-FSTL1/Biotin
Chinese Name	生物素标记的卵泡相关蛋白 1
Alias	FSTL1; TSC-36; Follistatin like 1; Follistatin related protein; Follistatin-like protein 1; Follistatin-related protein 1; FRP; FSL1; FSTL1; FSTL1_HUMAN.
Research Area	Cardiovascular Cell biology Cyclin
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit) WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	34kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human FSTL1/FRP
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: TSC-36 is a secreted extracellular glycoprotein. The amino acid sequence of TSC-36 is similar to follistatin, an inhibitor of activin, as it contains a follistatin module. TSC-36 is a heparin-binding protein suggested to have a role in the negative regulation of cellular growth, as its expression is induced in response to TGF-b1. In addition, TSC-36 is not found in small cell lung

cancer (SCLC) cells, a highly aggressive neoplasm, but is detected in some non-small cell lung cancer (NSCLC) cells, a moderately aggressive neoplasm.. May modulate the action of some growth factors on cell proliferation and differentiation. Binds heparin.

Function:

May modulate the action of some growth factors on cell proliferation and differentiation. Binds heparin.

Subunit:

Interacts with SCN10A.

Subcellular Location:

Secreted.

Tissue Specificity:

Overexpressed in synovial tissues from rheumatoid arthritis.

Similarity:

Contains 2 EF-hand domains.

Contains 1 follistatin-like domain.

Contains 1 Kazal-like domain.

Contains 1 VWFC domain.

Database links:

[Entrez Gene: 534482](#) Cow

[Entrez Gene: 11167](#) Human

[Entrez Gene: 14314](#) Mouse

[Entrez Gene: 79210](#) Rat

[Omim: 605547](#) Human

[SwissProt: Q58D84](#) Cow

[SwissProt: Q12841](#) Human

[SwissProt: Q62356](#) Mouse

[SwissProt: Q62632](#) Rat

[Unigene: 269512](#) Human

[Unigene: 182434](#) Mouse



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[Unigene: 95652](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.