



Rabbit Anti-FSTL1 antibody

SL6050R

Product Name:	FSTL1
Chinese Name:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	34kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FSTL1/FRP:201-308/308
Isotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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- β 1. 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.

SWISS:

Q12841

Gene ID:

534482

Database links:

[Entrez Gene: 534482](#)Cow

[Entrez Gene: 11167](#)Human

[Entrez Gene: 14314](#)Mouse

[Entrez Gene: 79210](#)Rat

[Oimim: 605547](#)Human

[SwissProt: Q58D84](#)Cow

[SwissProt: Q12841](#)Human

[SwissProt: Q62356](#)Mouse

[SwissProt: Q62632](#)Rat

[Unigene: 269512](#)Human

[Unigene: 182434](#)Mouse

[Unigene: 95652](#)Rat

Important Note:

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

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