

For Research Use Only

fibrosin Polyclonal antibody

Catalog Number: 11356-1-AP



Basic Information

Catalog Number: 11356-1-AP	GenBank Accession Number: BC014212	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 513 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64319	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: fibrosin	
Isotype: IgG	Calculated MW: 52 kDa	
Immunogen Catalog Number: AG1870	Observed MW: 48-52 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells, MCF-7 cells, mouse kidney tissue

IHC : human breast cancer tissue,

IF : HepG2 cells,

Background Information

Fibrosin is a lymphokine secreted by activated lymphocytes that induces fibroblast proliferation. FBS (or FBS1) gene, encoding fibrosin (or fibrosin-1), was first cloned by Prakash et al. and was found to be able to stimulate several biological activities related to scarring as a fibrogenic lymphokine. Fibrosin is secreted by activated lymphocytes that induce fibroblast proliferation. In vitro application of fibrosin stimulates expression of alpha smooth muscle actin fibers and plays an important role in up regulating the appearance of myofibroblasts during wound healing and possibly in fibrotic diseases. Fibrosin is also implicated in alcohol-induced hepatic fibrosis in vivo.

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

*** 20ul sizes contain 0.1% BSA

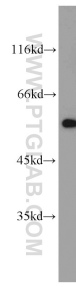
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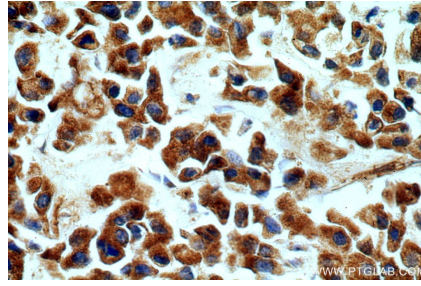
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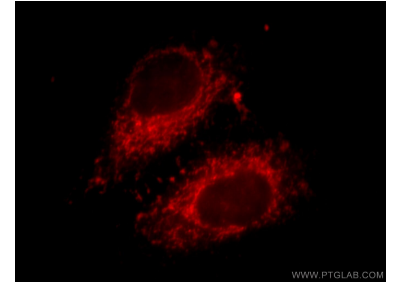
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 11356-1-AP (fibrosin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 11356-1-AP (fibrosin antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using FRS antibody 11356-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).