

FREM1 Polyclonal antibody

Catalog Number: 13086-1-AP

2 Publications

Basic Information

Catalog Number: 13086-1-AP	GenBank Accession Number: BC031064	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 158326	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200 IF 1:10-1:100
Source: Rabbit	Full Name: FRAS1 related extracellular matrix 1	
Isotype: IgG	Calculated MW: 2179aa, 244 kDa, 149.3 kDa	
Immunogen Catalog Number: AG3617	Observed MW: 40-43 kDa, 70-80 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB : human plasma tissue, HepG2 cells
Species Specificity: human	IHC : human liver cancer tissue, human breast cancer tissue
Cited Species: human	IF : HepG2 cells,

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

Background Information

FREM1, C9orf143, C9orf145, C9orf154 and QBRICK, is an extracellular matrix protein that plays a role in epidermal differentiation and is required for epidermal adhesion during embryonic development. This antibody recognizes isoform 1 (244 kDa), isoform 2 (80 kDa) and isoform 3 (43 kDa).

Notable Publications

Author	Pubmed ID	Journal	Application
Han-Ning Li	33058542	Cancer Med	IHC
Xiao-Yi Xu	33031059	Aging (Albany NY)	WB

Storage

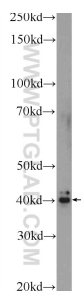
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
 Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

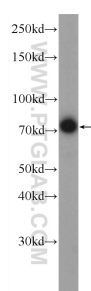
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

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

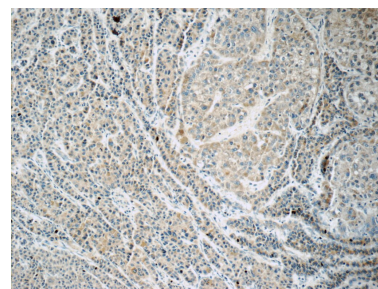
Selected Validation Data



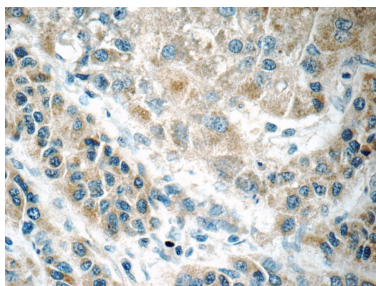
human plasma were subjected to SDS PAGE followed by western blot with 13086-1-AP (FREM1 Antibody) at dilution of 1:300 incubated at 4 degree celsius over night.



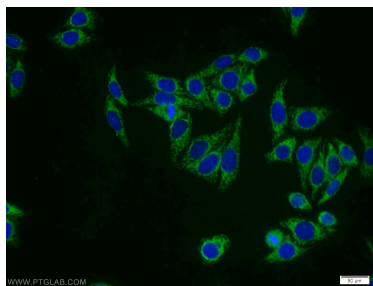
HepG2 cells were subjected to SDS PAGE followed by western blot with 13086-1-AP (FREM1 Antibody) at dilution of 1:300 incubated at 4 degree celsius over night.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13086-1-AP (FREM1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 13086-1-AP (FREM1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 13086-1-AP (FREM1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).