

For Research Use Only

F7 Polyclonal antibody

Catalog Number: 23058-1-AP **1 Publications**



Basic Information

Catalog Number: 23058-1-AP	GenBank Accession Number: BC130468	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 407 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2155	Recommended Dilutions: WB 1:200-1:1000 IF 1:50-1:500
Source: Rabbit	Full Name: coagulation factor VII (serum prothrombin conversion accelerator)	
Isotype: IgG	Calculated MW: 466 aa, 52 kDa	
Immunogen Catalog Number: AG19324	Observed MW: 49-55 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : human placenta tissue, human plasma tissue, mouse liver tissue
Cited Applications: WB	IF : HUVEC cells,
Species Specificity: human, mouse	
Cited Species: human	

Background Information

F7(Coagulation factor VII) is also named as serum prothrombin conversion accelerator(SPCA). It is the key triggering enzyme of the extrinsic coagulation pathway. Hepatocytes are the predominant source of F7 production under normal physiologic conditions, although F7 is also expressed by monocytes/macrophages in inflammation and atherosclerosis(PMID:17018600). This protein has 2 isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Anika Alberts	32286427	Sci Rep	WB

Storage

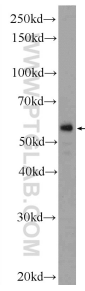
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

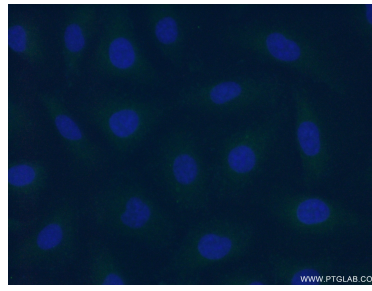
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 23058-1-AP (F7 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HUVEC cells using 23058-1-AP (F7 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).