

For Research Use Only

F7 Polyclonal antibody

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



Basic Information

Catalog Number:

23058-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19324

GenBank Accession Number:

BC130468

GeneID (NCBI):

2155

UNIPROT ID:

P08709

Full Name:

coagulation factor VII (serum prothrombin conversion accelerator)

Calculated MW:

466 aa, 52 kDa

Observed MW:

49-55 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:200-1:1000

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : human placenta tissue, human plasma tissue, mouse liver tissue

IF : HUVEC cells,

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

For technical support and original validation data for this product please contact:

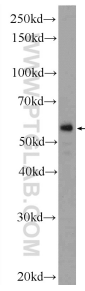
T: 4006900926

E: Proteintech-CN@ptglab.com

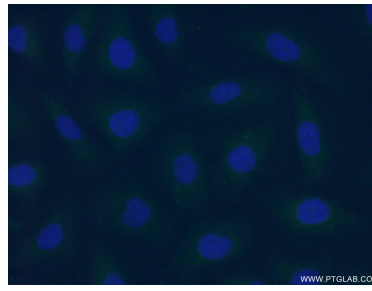
W: ptgcn.com

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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).