

For Research Use Only

Factor VII Polyclonal antibody

Catalog Number: 23058-1-AP

2 Publications



Basic Information

Catalog Number:

23058-1-AP

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop and 407 ug/ml by Bradford method using BSA as the standard;

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 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

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

IF/ICC : 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
Yule Wang	39308695	Drug Des Devel Ther	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

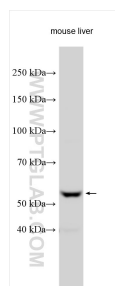
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

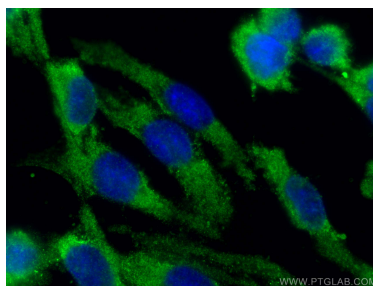
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23058-1-AP (F7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using F7 antibody (23058-1-AP) at dilution of 1:100 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).