

For Research Use Only

Factor IX/PTC Polyclonal antibody, PBS Only



Catalog Number: 21481-1-PBS

Featured Product

Basic Information

Catalog Number:

21481-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15723

GenBank Accession Number:

BC109215

GeneID (NCBI):

2158

UNIPROT ID:

P00740

Full Name:

coagulation factor IX

Calculated MW:

461 aa, 52 kDa

Observed MW:

56 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

The F9 gene encodes coagulation factor IX, which circulates as an inactive zymogen until proteolytic release of its activation peptide allows it to assume the conformation of an active serine protease. Its role in the blood coagulation cascade is to activate factor X (F10) through interactions with calcium, membrane phospholipids, and factor VIII (F8). Factor IX and factor X both consist of 2 polypeptide chains referred to as the L (light) and H (heavy) chains. The H chain bears a structural resemblance to the polypeptide chain of the pancreatic serine protease trypsin (PRSS1). The L chain is covalently linked to the H chain by a single disulfide bond.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

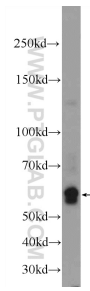
T: 4006900926

E: Proteintech-CN@ptglab.com

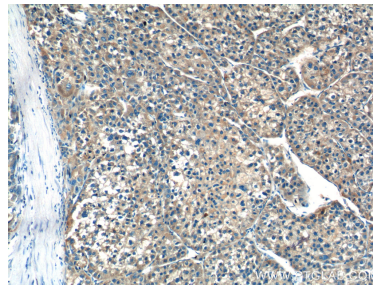
W: ptgcn.com

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

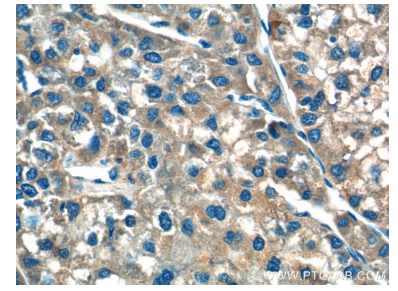
Selected Validation Data



Tunicamycin treated HepG2 cells were subjected to SDS PAGE followed by western blot with 21481-1-AP (F9 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night. This data was developed using the same antibody clone with 21481-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 21481-1-AP (F9 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 21481-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 21481-1-AP (F9 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 21481-1-PBS in a different storage buffer formulation.