

F7 Antibody

Catalog No: #35954

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

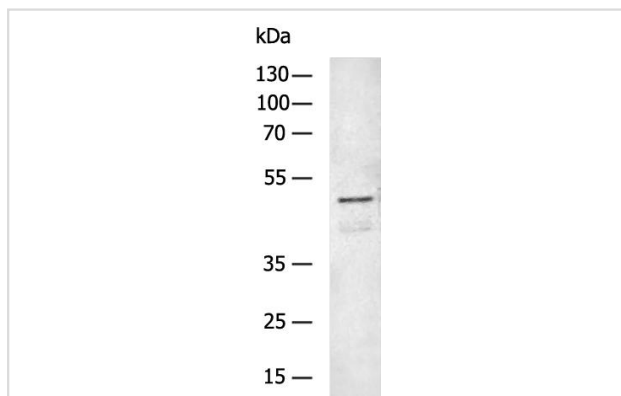
Product Name	F7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total F7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein of human F7
Target Name	F7
Other Names	SPCA
Accession No.	Swiss-Prot#: P08709NCBI Gene ID: 2155Gene Accssion: BC130468
Uniprot	P08709
GeneID	2155;
SDS-PAGE MW	52 kDa
Concentration	1 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:25-1:100

Images



Gel: 8%SDS-PAGE

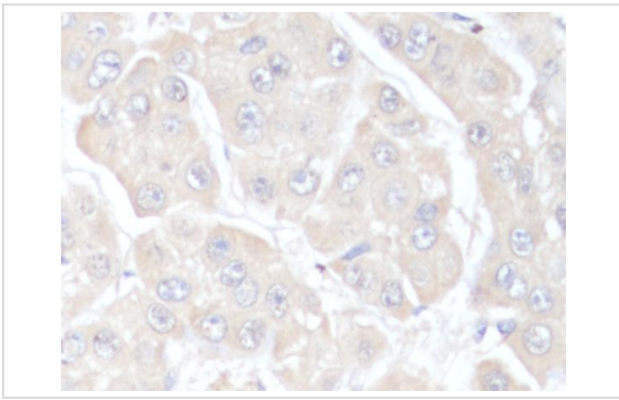
Lysate: 10 ug

Lane: K562 cell lysate

Primary antibody: (F7 Antibody) at dilution 1/1600

Secondary antibody: (HRP-conjugated Goat anti rabbit IgG) at 1/5000 dilution

Exposure time: 1 second (Detected by Chemiluminescence Imager)



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using (F7 Antibody) at dilution 1/70
Predicted cell location: Cytoplasm
Positive control: Human liver cancer
Recommended dilution: 50-200

Background

This gene encodes coagulation factor VII which is a vitamin K-dependent factor essential for hemostasis. This factor circulates in the blood in a zymogen form, and is converted to an active form by either factor IXa, factor Xa, factor XIIa, or thrombin by minor proteolysis. Upon activation of the factor VII, a heavy chain containing a catalytic domain and a light chain containing 2 EGF-like domains are generated, and two chains are held together by a disulfide bond. In the presence of factor III and calcium ions, the activated factor then further activates the coagulation cascade by converting factor IX to factor IXa and/or factor X to factor Xa. Defects in this gene can cause coagulopathy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Note: This product is for in vitro research use only