

For Research Use Only

# F2R Polyclonal antibody

Catalog Number: 26366-1-AP

Featured Product

2 Publications



## Basic Information

Catalog Number:

26366-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24378

GenBank Accession Number:

BC051909

GeneID (NCBI):

2149

UNIPROT ID:

P25116

Full Name:

coagulation factor II (thrombin) receptor

Calculated MW:

47 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IP, IHC

Species Specificity:

human

Cited Species:

human, mouse, hamster

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : Y79 cells, K-562 cells

IHC : human liver tissue,

## Background Information

Protease-activated receptor-1 (PAR1) is a G protein coupled receptor. PAR1 has a greater affinity for thrombin and mediates rapid Ca<sup>2+</sup> mobilization and platelet activation. PAR1 has a calculated molecular weight of 47 kDa, but can be detected as 70 kDa after posttranslational modification. (PMID: 26822533)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yihui Zhu	35254603	Breast Cancer Res Treat	WB, IHC, IP
Cong Liu	38459169	Leukemia	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:

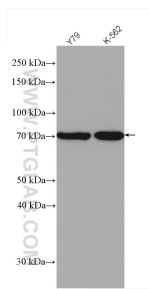
T: 4006900926

E: Proteintech-CN@ptglab.com

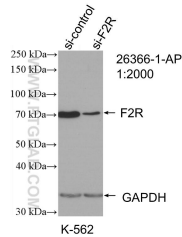
W: ptgcn.com

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

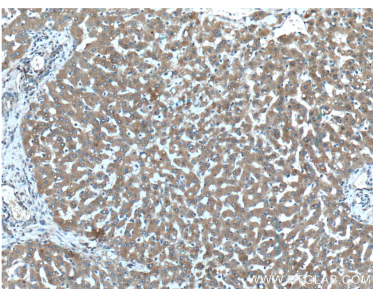
Selected Validation Data



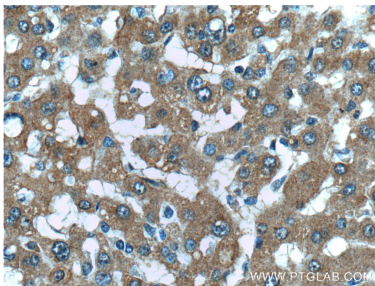
Various lysates were subjected to SDS PAGE followed by western blot with 26366-1-AP (F2R antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of F2R antibody (26366-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-F2R transfected K-562 cells.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26366-1-AP (F2R Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26366-1-AP (F2R Antibody) at dilution of 1:200 (under 40x lens).