

For Research Use Only

PAR1/Thrombin Receptor Polyclonal antibody

Catalog Number: 26366-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

26366-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

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:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IP

Species Specificity:

human

Cited Species:

human, mouse, hamster

Positive Controls:

WB : Y79 cells, K-562 cells

IHC : human liver tissue,

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

Background Information

Protease-activated receptor-1 (PAR1) is a G protein coupled receptor. PAR1 has a greater affinity for thrombin and mediates rapid Ca²⁺ 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

*** 20ul sizes contain 0.1% BSA

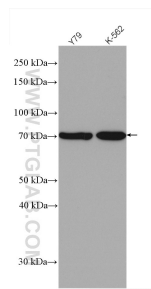
For technical support and original validation data for this product please contact:

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

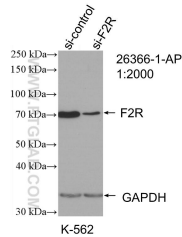
E: proteintech@ptglab.com
W: ptglab.com

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

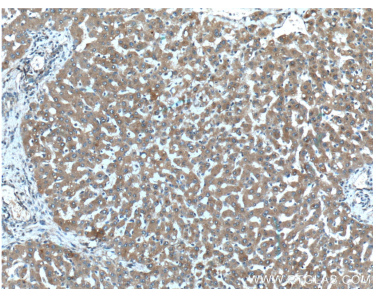
Selected Validation Data



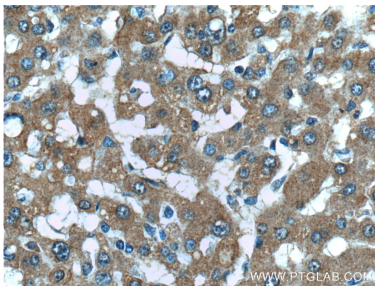
Various lysates were subjected to SDS PAGE followed by western blot with 26366-1-AP (PAR1/Thrombin Receptor antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



WB result of F2R antibody (26366-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PAR1/Thrombin Receptor transfected K-562 cells.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26366-1-AP (PAR1/Thrombin Receptor Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 26366-1-AP (PAR1/Thrombin Receptor Antibody) at dilution of 1:200 (under 40x lens).