

For Research Use Only

# F2RL3 Polyclonal antibody

Catalog Number: 25306-1-AP

4 Publications



## Basic Information

Catalog Number:

25306-1-AP

Size:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20801

GenBank Accession Number:

BC074782

GeneID (NCBI):

9002

UNIPROT ID:

Q96R10

Full Name:

coagulation factor II (thrombin)  
receptor-like 3

Calculated MW:

385 aa, 41 kDa

Observed MW:

41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

**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 : mouse lung tissue, mouse pancreas tissue

IHC : mouse lung tissue,

## Background Information

Coagulation factor II receptor-like 3 (F2RL3) encodes a member of the protease-activated receptor subfamily, also known as protease-activated receptor 4 (PAR4), which takes part in platelet activation, intimal hyperplasia and inflammation (PMID:34284820). An absence of PAR4 in mouse models results in impaired hemostasis and a protection against pulmonary embolism, and a small number of missense coding variants in F2RL3 that alter platelet aggregation and function have been described (PMID:35012325). The calculated molecular weight and observed molecular weight of F2RL3 are both 41 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jianing Luo	33111257	Neurosci Bull	WB
Nathalia Araujo	35425699	Front Oncol	WB
BuChun Zhang	35082966	Oxid Med Cell Longev	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:

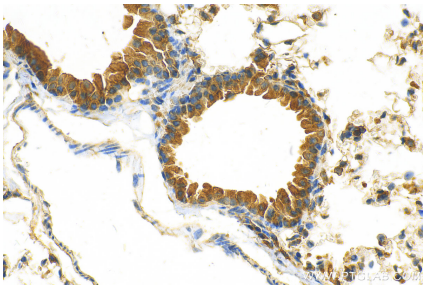
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

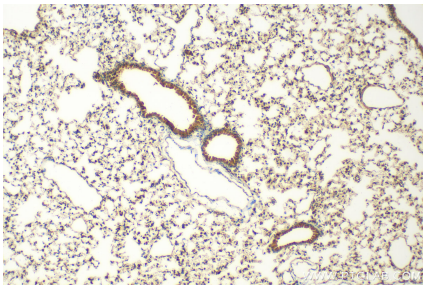
W: [ptgcn.com](http://ptgcn.com)

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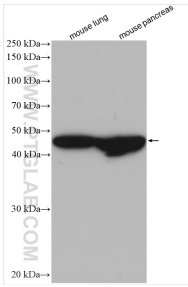
Selected Validation Data



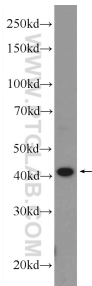
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 25306-1-AP (F2RL3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 25306-1-AP (F2RL3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 25306-1-AP (F2RL3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



mouse lung tissue were subjected to SDS PAGE followed by western blot with 25306-1-AP (F2RL3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.