

For Research Use Only

F2RL3 Polyclonal antibody

Catalog Number: 25306-1-AP

4 Publications



Basic Information

Catalog Number:

25306-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

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

Positive Controls:

WB: mouse lung tissue, mouse pancreas tissue

IHC: mouse lung 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

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

***** 20ul sizes contain 0.1% BSA**

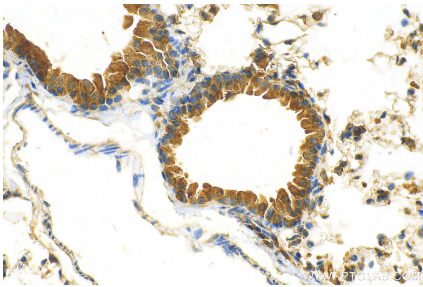
For technical support and original validation data for this product please contact:

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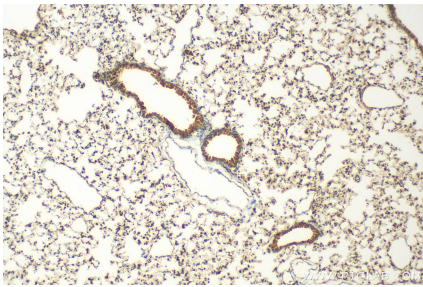
E: proteintech@ptglab.com
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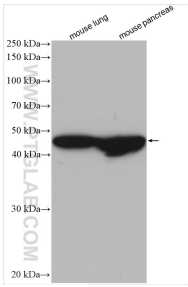
Selected Validation Data



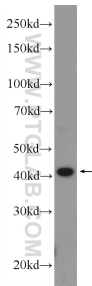
Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 25306-1-AP (F2RL3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.