

For Research Use Only

F2RL3 Polyclonal antibody

Catalog Number: 25306-1-AP **3 Publications**



Basic Information

Catalog Number: 25306-1-AP	GenBank Accession Number: BC074782	Purification Method: Antigen affinity purification
Size: 800 µg/ml	GeneID (NCBI): 9002	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q96R10	
Isotype: IgG	Full Name: coagulation factor II (thrombin) receptor-like 3	
Immunogen Catalog Number: AG20801	Calculated MW: 385 aa, 41 kDa	
	Observed MW: 41 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse lung tissue, mouse pancreas tissue IHC : mouse lung tissue,
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

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:

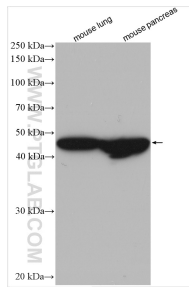
T: 4006900926

E: Proteintech-CN@ptglab.com

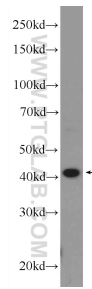
W: ptgcn.com

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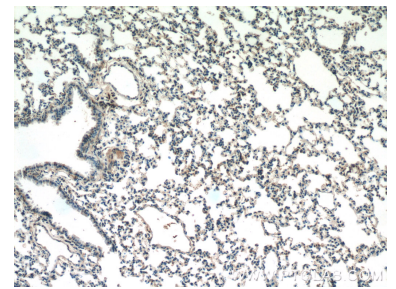
Selected Validation Data



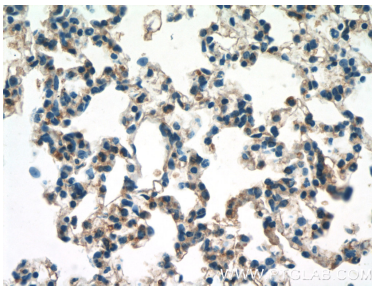
Various lysates were subjected to SDS PAGE followed by western blot with 25306-1-AP (F2RL3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 25306-1-AP (F2RL3 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 25306-1-AP (F2RL3 Antibody) at dilution of 1:50 (under 40x lens).