

For Research Use Only

F2RL3 Recombinant antibody

Catalog Number: 86509-1-RR



Basic Information

Catalog Number:	86509-1-RR	GenBank Accession Number:	BC074782	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GeneID (NCBI):	9002	CloneNo.:	250132A3
Source:	Rabbit	UNIPROT ID:	Q96RIO	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	coagulation factor II (thrombin) receptor-like 3		
Immunogen Catalog Number:	AG13624	Calculated MW:	385 aa, 41 kDa		
		Observed MW:	45 kDa		

Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	human, mouse, rat	WB: mouse pancreas tissue, rat pancreas 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).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

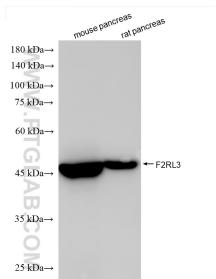
T: 4006900926

E: Proteintech-CN@ptglab.com

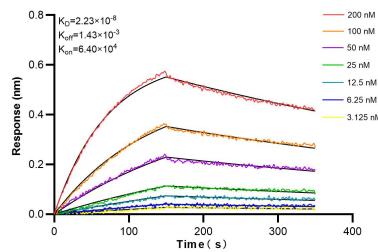
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86509-1-RR (F2RL3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86509-1-RR against Human F2RL3 were performed. The affinity constant is 22.3 nM.