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anti-F2RL2 antibody (N-Term)





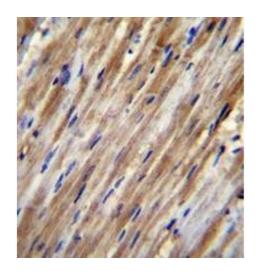
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Quantity:	0.4 mL	
Target:	F2RL2	
Binding Specificity:	AA 20-50, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This F2RL2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	KLH conjugated synthetic peptide between 20-50 amino acids from the N-terminal region of human F2RL2	
Isotype:	lg Fraction	
Specificity:	This antibody recognizes Human F2RL2 (N-term).	
Purification:	Affinity Chromatography on Protein A	
Target Details		
Target:	F2RL2	
Alternative Name:	F2RL2 (F2RL2 Products)	

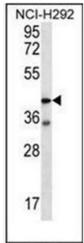
Target Details

Background:	Coagulation factor II (thrombin) receptor-like 2 (F2RL2) is a member of the large family of 7-transmembrane-region receptors that couple to guanosine-nucleotide-binding proteins. F2RL2 is also a member of the protease-activated receptor family and activated by thrombin. F2RL2 is activated by proteolytic cleavage of its extracellular amino terminus. The new amino terminus functions as a tethered ligand and activates the receptor. F2RL2 is a cofactor for F2RL3 activation by thrombin. It mediates thrombin-triggered phosphoinositide hydrolysis and is expressed in a variety of tissues. Synonyms: Coagulation factor II receptor-like 2, PAR-3, PAR3, Proteinase-activated receptor 3, Thrombin receptor-like 2		
Molecular Weight:	42508 Da		
Gene ID:	2151		
NCBI Accession:	NP_004092		
Pathways:	Cell-Cell Junction Organization, Regulation of G-Protein Coupled Receptor Protein Signaling		
Application Details			
Application Notes:	Optimal working dilution should be determined by the investigator.		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.25 mg/mL		
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative		
Preservative:	Sodium azide		
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.		
Handling Advice:	Avoid repeated freezing and thawing.		
Storage:	4 °C/-20 °C		
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.		



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin fixed and paraffin embedded human heart tissue reacted with F2RL2 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of F2RL2 Antibody (N-term) in NCI-H292 cell line lysates (35ug/lane). This demonstrates the F2RL2 antibody detected the F2RL2 protein (arrow).