

Rabbit anti-Human F2RL2 Polyclonal Antibody | anti-F2RL2 antibody

F2RL2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290264	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

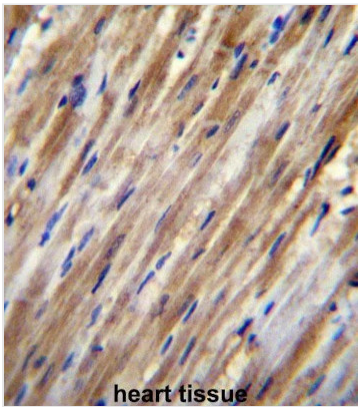
PRODUCT SYNONYMS

F2RL2; Polyclonal Antibody; F2RL2 Antibody (N-term); Proteinase-activated receptor 3; PAR-3; Coagulation factor II receptor-like 2; Thrombin receptor-like 2; PAR3; anti-F2RL2 antibody

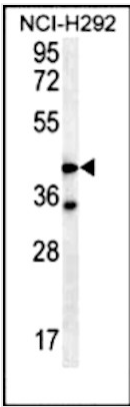
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This F2RL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 21-50 amino acids from the N-terminal region of human F2RL2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	21-50
Sequence Length	352
Applicable Applications for anti-F2RL2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis.
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Highest expression in the megakaryocytes of the bone marrow, lower in mature megakaryocytes, in platelets and in a variety of other tissues such as heart and gut.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
F2RL2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of F2RL2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



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

ADDITIONAL INFORMATION

Related Product Information for anti-F2RL2 antibody	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.
Product Categories/Family for anti-F2RL2 antibody	Cardiovascular; Signal Transduction ; GPCR Antibodies
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Popovic, M., et al. J. Thromb. Thrombolysis 30(2):164-171(2010) Van Laer, L., et al. Eur. J. Hum. Genet. 18(6):685-693(2010) Wysoczynski, M., et al. Mol. Cancer Res. 8(5):677-690(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	375151568
NCBI GeneID	2151
NCBI Accession #	NP_001243495.1 ; NP_004092.1
NCBI GenBank Nucleotide #	NM_001256566.1
UniProt Accession #	O00254 ; Q52M68 ; Q7Z3W3 ; B2R754 ; B4DQ13
Molecular Weight	Calculated MW: 42508
NCBI Official Full Name	proteinase-activated receptor 3 isoform 2
NCBI Official Synonym Full Names	coagulation factor II (thrombin) receptor-like 2
NCBI Official Symbol	F2RL2
NCBI Official Synonym Symbols	PAR3; PAR-3
NCBI Protein Information	proteinase-activated receptor 3
UniProt Protein Name	Proteinase-activated receptor 3

UniProt Gene Name	F2RL2
UniProt Synonym Gene Names	PAR3; PAR-3
UniProt Entry Name	PAR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/f2rl2-antibody-immunohistochemistry-western-blot-elisa/290264>