

anti-Human Thrombin Receptor Polyclonal Antibody | anti-F2R antibody

Anti-Thrombin Receptor Antibody

CATALOG # AAA46480	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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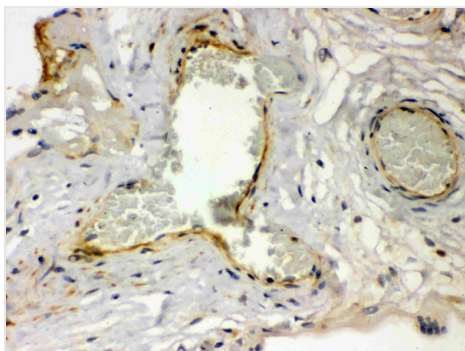
PRODUCT SYNONYMS

Thrombin Receptor; Polyclonal Antibody; Anti-Thrombin Receptor Antibody; Proteinase-activated receptor 1; CF2R; Coagulation factor II (thrombin) receptor; Coagulation factor II receptor; F2R; HTR; PAR 1; PAR-1; PAR1; PAR1_HUMAN; Protease activated receptor 1; Proteinase activated receptor 1; Thrombin receptor; TR; coagulation factor II (thrombin) receptor; anti-F2R antibody

PRODUCT SPECIFICATIONS

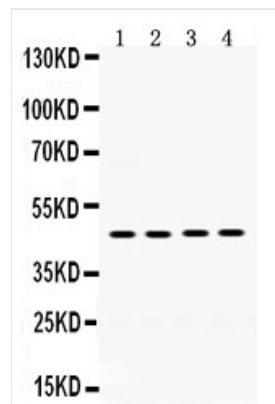
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	304
Applicable Applications for anti-F2R antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Thrombin Receptor (46-82aa RNPNDKYEPFWEDEEKNESGLTEYRLVSINKSSPLQK).
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti- Thrombin Receptor antibody, IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)

Anti- Thrombin Receptor antibody, Western blottingAll lanes: Anti Thrombin Receptor at 0.5ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-F2R antibody	Description: Rabbit IgG polyclonal antibody for Proteinase-activated receptor 1(F2R) detection. Tested with WB, IHC-P in Human. Background: Proteinase-activated receptor 1 (PAR1), also known as the coagulation factor II (thrombin) receptor, is a protein that in humans is encoded by the F2R gene. By fluorescence in situ hybridization, this gene is mapped to 5q13, confirming its presence as a single locus in the human genome. PAR1 is a G protein-coupled receptor involved in the regulation of thrombotic response. Proteolytic cleavage leads to the activation of the receptor. The expression of PAR1 is both required and sufficient to promote growth and invasion of breast carcinoma cells in a xenograft mouse model.
References	1. Bahou, W. F., Nierman, W. C., Durkin, A. S., Potter, C. L., Demetrick, D. J. Chromosomal assignment of the human thrombin receptor gene: localization to region q13 of chromosome 5. Blood 82: 1532-1537, 1993. 2. Boire, A., Covic, L., Agarwal, A., Jacques, S., Sherifi, S., Kuliopulos, A. PAR1 is a matrix metalloprotease-1 receptor that promotes invasion and tumorigenesis of breast cancer cells. Cell 120: 303-131, 2005. 3. Coughlin, S. R., Vu, T.-K. H., Hung, D. T., Wheaton, V. I. Characterization of a functional thrombin receptor: issues and opportunities. J. Clin. Invest. 89: 351-355, 1992.

NCBI AND UNIPROT INFORMATION

NCBI GI #	913402869
NCBI GeneID	2149
NCBI Accession #	NP_001298242.1
NCBI GenBank Nucleotide #	NM_001311313.1
UniProt Accession #	P25116; Q53XV0; Q96RF7; Q9BUN4
Molecular Weight	47,441 Da
NCBI Official Full Name	proteinase-activated receptor 1 isoform 2
NCBI Official Synonym Full Names	coagulation factor II thrombin receptor
NCBI Official Symbol	F2R
NCBI Official Synonym Symbols	TR; HTR; CF2R; PAR1; PAR-1
NCBI Protein Information	proteinase-activated receptor 1
UniProt Protein Name	Proteinase-activated receptor 1
UniProt Gene Name	F2R
UniProt Synonym Gene Names	CF2R; PAR1; TR; PAR-1
UniProt Entry Name	PAR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/thrombin-receptor-antibody-immunohistochemistry-western-blot-elisa/46480>