

Rabbit anti-Human, Mouse Thrombin Receptor Polyclonal Antibody | anti-TR antibody

Thrombin Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320904	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

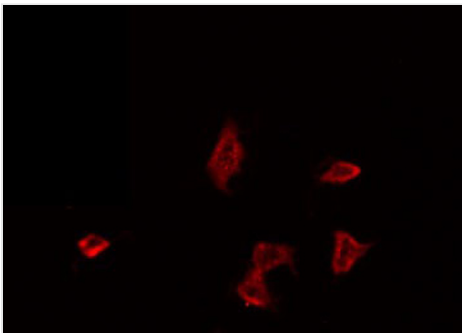
PRODUCT SYNONYMS

Thrombin Receptor; Polyclonal Antibody; Thrombin Receptor Antibody; 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; Proteinase-activated receptor 1; Thrombin receptor; anti-TR antibody

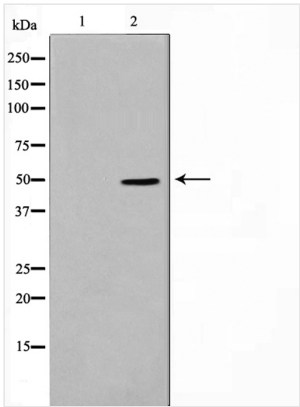
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Thrombin Receptor antibody detects endogenous levels of total Thrombin Receptor
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	304
Applicable Applications for anti-TR antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Thrombin Receptor
Subcellular Location	Cell Membrane
Tissue Specificity	Platelets and vascular endothelial cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

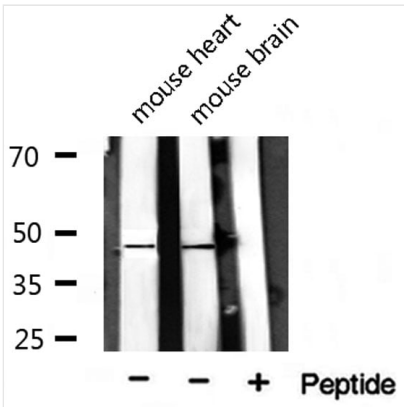
IMAGES



IF (Immunofluorescence)
AAA320904 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)
Western blot analysis on HeLa cell lysate using Thrombin Receptor Antibody, The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)
Western blot analysis of extracts of various tissue, using Thrombin Receptor antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TR antibody	Description: PAR1 a G-protein coupled high-affinity receptor for activated thrombin or trypsin. Coupled to G proteins that stimulate phosphoinositide hydrolysis. Coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelet activation and in vascular development. Function: High affinity receptor for activated thrombin coupled to G proteins that stimulate phosphoinositide hydrolysis. May play a role in platelets activation and in vascular development. Post-translational Modifications: A proteolytic cleavage generates a new N-terminus that functions as a tethered ligand. Phosphorylated in the C-terminal tail; probably mediating desensitization prior to the uncoupling and internalization of the receptor. Similarity: The cleaved signal peptide may not be degraded and may function as an intracellular angiogenesis inhibitor peptide known as parstatin. Belongs to the G-protein coupled receptor 1 family.
References	Zhao Y, Zheng Y, Liu X, Luo Q, Wu D, Liu X, Zou L; Journal: Mol Hum Reprod. Inhibiting trophoblast PAR-1 overexpression suppresses sFlt-1-induced anti-angiogenesis and abnormal vascular remodeling: a possible therapeutic approach for preeclampsia. Zhong W, Chen S, Zhang Q, Xiao T, Qin Y, Gu J, Sun B, Liu Y, Jing X, Hu X, Zhang P, Zhou H, Sun T, Yang C; Journal: Oncotarget. Doxycycline directly targets PAR1 to suppress tumor progression.

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	Observed: 48 kDa Predicted: 48 kDa
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

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/thrombin-receptor-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320904>