

Goat Anti-F2R / PAR1 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1391a**Specification**

Goat Anti-F2R / PAR1 Antibody - Product Information

Application	WB
Primary Accession	P25116
Other Accession	NP_001983 , 2149
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	47441

Goat Anti-F2R / PAR1 Antibody - Additional Information**Gene ID** 2149**Other Names**

Proteinase-activated receptor 1, PAR-1, Coagulation factor II receptor, Thrombin receptor, F2R, CF2R, PAR1, TR

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-F2R / PAR1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-F2R / PAR1 Antibody - Protein Information**Name** F2R**Synonyms** CF2R, PAR1, TR**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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Platelets and vascular endothelial cells.

Goat Anti-F2R / PAR1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-F2R / PAR1 Antibody - Images



AF1391a (0.5 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-F2R / PAR1 Antibody - Background

Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombotic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein coupled receptor family member.

Goat Anti-F2R / PAR1 Antibody - References

Platelet gene polymorphisms and risk of bleeding in patients undergoing elective coronary angiography: A genetic substudy of the PRAGUE-8 trial. Motovska Z, et al. Atherosclerosis, 2010 Jul 16. PMID 20691446.

Variation at the NFATC2 Locus Increases the Risk of Thiazolidinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

The interaction between coagulation factor 2 receptor and interleukin 6 haplotypes increases the risk of myocardial infarction in men. Gigante B, et al. PLoS One, 2010 Jun 24. PMID 20585578.

Thrombin stimulation of proteoglycan synthesis in vascular smooth muscle is mediated by protease-activated receptor-1 transactivation of the transforming growth factor beta type I

receptor. Burch ML, et al. J Biol Chem, 2010 Aug 27. PMID 20571025.

Etk/Bmx regulates proteinase-activated-receptor1 (PAR1) in breast cancer invasion: signaling partners, hierarchy and physiological significance. Cohen I, et al. PLoS One, 2010 Jun 15. PMID 20559570.