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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 Cytomety
- 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.
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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.
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