

## ARG58165 anti-F2R / PAR1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes F2R / PAR1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	F2R / PAR1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 42-110 of Human F2R (NP_001983.2).
Conjugation	Un-conjugated
Alternate Names	CF2R; TR; Thrombin receptor; Proteinase-activated receptor 1; PAR1; Coagulation factor II receptor; PAR-1; HTR

### Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	WB	1:500 - 1:2000
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WB	1:500 - 1:2000				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	A549				
Observed Size	47 kDa				

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	F2R
Gene Full Name	coagulation factor II (thrombin) receptor
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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]
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. [UniProt]
Calculated Mw	47 kDa
PTM	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. [UniProt]
Cellular Localization	Cell membrane, Multi-pass membrane protein. [UniProt]

Images



ARG58165 anti-F2R / PAR1 antibody WB image

Western blot: 25 µg of A549 cell lysate stained with ARG58165 anti-F2R / PAR1 antibody at 1:1000 dilution.