

ARG58136 anti-F2R / PAR1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes F2R / PAR1
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	F2R / PAR1
Species	Human
Immunogen	Synthetic peptide of Human F2R / PAR1. (RNPNDKYEPFWDEEEKNESGLTEYRLVSINKSSPLQK)
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	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 20 min followed by cooling at RT. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

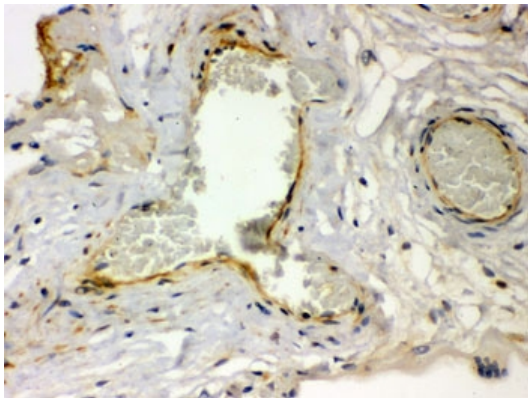
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
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 or below. 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.

Bioinformation

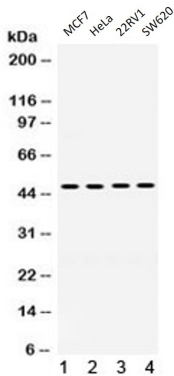
Gene Symbol	F2R
Gene Full Name	coagulation factor II (thrombin) receptor
Background	Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombotic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein coupled receptor family 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	Cytoplasmic. [UniProt]

Images



ARG58136 anti-F2R / PAR1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human placenta stained with ARG58136 anti-F2R / PAR1 antibody. Antigen Retrieval: Boil tissue section in 10mM Citrate buffer (pH 6.0) for 20 min followed by cooling at RT.



ARG58136 anti-F2R / PAR1 antibody WB image

Western blot: MCF7, HeLa, 22RV1 and SW620 cell lysates stained with ARG58136 anti-F2R / PAR1 antibody.