

ARG59260 anti-CD201 / EPCR antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD201 / EPCR
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD201 / EPCR
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 19-209 of Human CD201 / EPCR (NP_006395.2).
Conjugation	Un-conjugated
Alternate Names	CD antigen CD201; Activated protein C receptor; EPCR; APC receptor; CCCA; Endothelial cell protein C receptor; CCD41; Endothelial protein C receptor

Application Instructions

Predict Reactivity Note	Mouse						
Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>IHC-P</td><td>1:50 - 1:200</td></tr><tr><td>WB</td><td>1:500 - 1:2000</td></tr></tbody></table>	Application	Dilution	IHC-P	1:50 - 1:200	WB	1:500 - 1:2000
Application	Dilution						
IHC-P	1:50 - 1:200						
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	THP-1						
Observed Size	50 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.

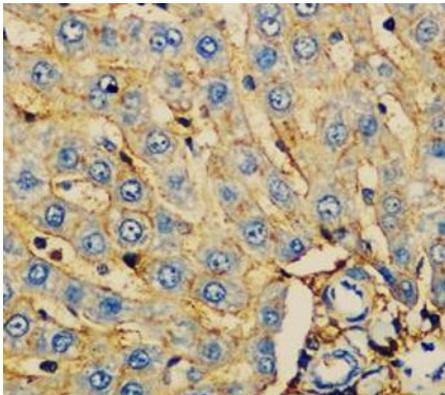
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

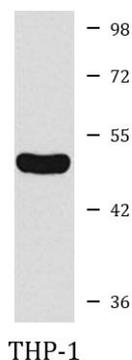
Gene Symbol	PROCR
Gene Full Name	protein C receptor, endothelial
Background	The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy. The encoded protein may also play a role in malarial infection and has been associated with cancer. [provided by RefSeq, Jul 2013]
Function	Binds activated protein C. Enhances protein C activation by the thrombin-thrombomodulin complex; plays a role in the protein C pathway controlling blood coagulation. [UniProt]
Calculated Mw	27 kDa
PTM	N-glycosylated. A soluble form exists; probably released by a metalloprotease. Seems to have the same activity as the membrane-bound form. [UniProt]
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG59260 anti-CD201 / EPCR antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat liver stained with ARG59260 anti-CD201 / EPCR antibody at 1:200 dilution.



ARG59260 anti-CD201 / EPCR antibody WB image

Western blot: 25 µg of THP-1 cell lysate stained with ARG59260 anti-CD201 / EPCR antibody at 1:1000 dilution.