

Rabbit anti-Human CD201 Polyclonal Antibody | anti-PROCR antibody

CD201 Antibody (Center)

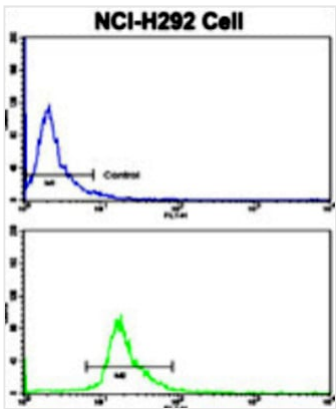
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286409	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

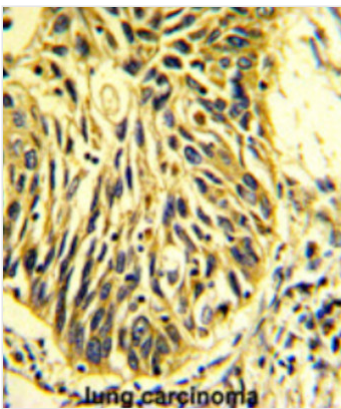
CD201; Polyclonal Antibody; CD201 Antibody (Center); Endothelial protein C receptor; Activated protein C receptor; APC receptor; Endothelial cell protein C receptor; PROCR; EPCR; anti-PROCR antibody

PRODUCT SPECIFICATIONS

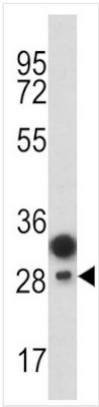
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD201 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-132 amino acids from the Central region of human CD201.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	104-132
Sequence Length	238
Applicable Applications for anti-PROCR antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed strongly in the endothelial cells of arteries and veins in heart and lung, less intensely in capillaries in the lung and skin, and not at all in the endothelium of small vessels of the liver and kidney
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H292 cells using CD201 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma with CD201 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CD201 antibody (Center) in T47D cell line lysates (35ug/lane). CD201 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PROCR antibody	PROCR (CD201) is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in its gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy.
Product Categories/Family for anti-PROCR antibody	Cardiovascular; Signal Transduction
References	Menschikowski,M., Exp. Cell Res. 315 (15), 2673-2682 (2009) Nayak,R.C., Blood 114 (9), 1974-1986 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	34335272
NCBI GeneID	10544
NCBI Accession #	NP_006395.2
NCBI GenBank Nucleotide #	NM_006404.4
UniProt Accession #	Q9UNN8 ; Q14218 ; Q6IB56 ; Q96CB3 ; Q9ULX1 ; B2RC04

Molecular Weight	26671
NCBI Official Full Name	endothelial protein C receptor
NCBI Official Synonym Full Names	protein C receptor, endothelial
NCBI Official Symbol	PROCR
NCBI Official Synonym Symbols	CCCA; EPCR; CCD41
NCBI Protein Information	endothelial protein C receptor
UniProt Protein Name	Endothelial protein C receptor
UniProt Gene Name	PROCR
UniProt Synonym Gene Names	EPCR; APC receptor
UniProt Entry Name	EPCR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd201-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286409>