10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD201 Antibody

Catalog # AP60618

Product Information

Application	WB, IHC, IF/IC
Primary Accession	Q9UNN8
Reactivity	Human, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26671

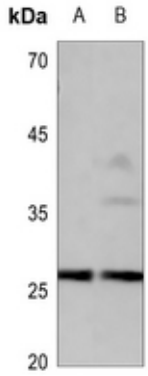
Additional Information

Gene ID	10544
Other Names	EPCR; Endothelial protein C receptor; Activated protein C receptor; APC receptor; Endothelial cell protein C receptor; CD201
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD201. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

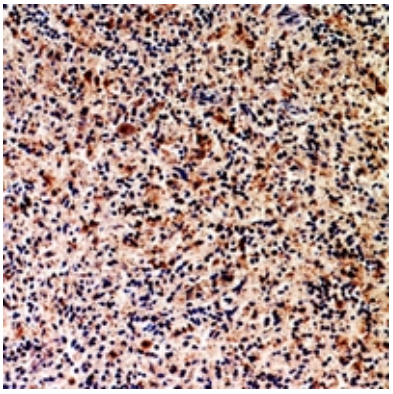
Protein Information

Name	PROCR
Synonyms	EPCR
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

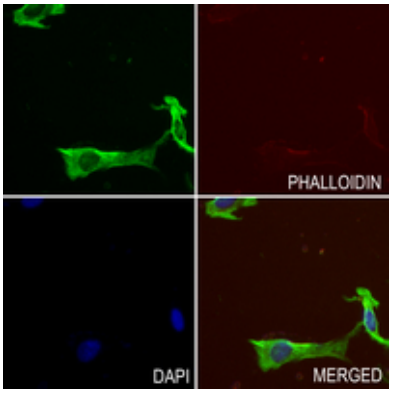
Images



Western blot analysis of CD201 expression in HEK293T (A), A549 (B) whole cell lysates. (Predicted band size: 26 kD; Observed band size: 26 kD)



Immunohistochemical analysis of CD201 staining in human spleen formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of CD201 staining in LS8 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.