

For Research Use Only

# EPCR/CD201 Polyclonal antibody

Catalog Number: 32134-1-AP



## Basic Information

Catalog Number: 32134-1-AP	GenBank Accession Number: NM_011171.2	Purification Method: Antigen affinity Purification
Concentration: 400 ug/ml	GeneID (NCBI): 19124	Recommended Dilutions: WB 1:500-1:3000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q64695	
Isotype: IgG	Full Name: protein C receptor, endothelial	
	Calculated MW: 27kDa	
	Observed MW: 27 kDa, 40-50 kDa	

## Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : THP-1 cells, bEnd.3 cells
Species Specificity: human, mouse	IHC : human placenta tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Protein C receptor (PROCR), also known as activated protein C receptor (APC receptor), EPCR, or CD201, is a transmembrane glycoprotein. EPCR promotes the activation of protein C, which has anticoagulant and cytoprotective effects. EPCR facilitates the activation of protein C by the thrombin-thrombomodulin complex but also facilitates APC-mediated cytoprotective effects on cells that involve the activation of protease-activated receptors (PAR) 1 and 3 (PMID: 27207424). EPCR is approximately 46 kDa, truncated EPCR is 23 kDa, truncated EPCR with the transmembrane domain is 26 kDa, and soluble EPCR is 43 kDa (PMID: 11686350).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

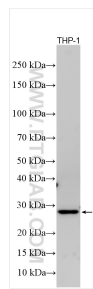
T: 4006900926

E: Proteintech-CN@ptglab.com

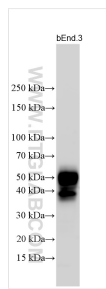
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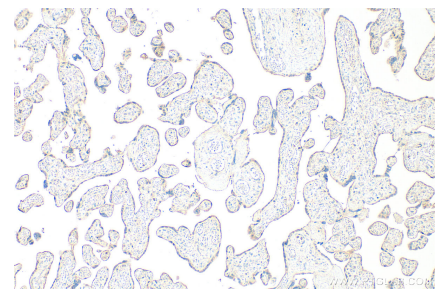
Selected Validation Data



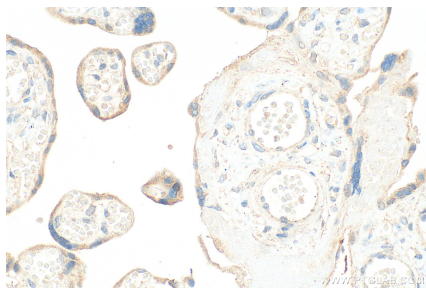
THP-1 cells were subjected to SDS PAGE followed by western blot with 32134-1-AP (EPCR/CD201 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



bEnd.3 cells were subjected to SDS PAGE followed by western blot with 32134-1-AP (EPCR/CD201 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 32134-1-AP (EPCR/CD201 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 32134-1-AP (EPCR/CD201 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).