

Datasheet for ABIN1387092

**anti-PROCR antibody**[Go to Product page](#)**1** Publication

## Overview

Quantity:	100 µL
Target:	PROCR
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PROCR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EPCR/CD201
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	PROCR
Alternative Name:	EPCR ( <a href="#">PROCR Products</a> )
Background:	Synonyms: Activated protein C receptor, APC receptor, APCR, CCCA, CCD41, CD201 antigen, centrocyclin, Endothelial cell protein C receptor, MGC23024, PROCR, EPCR_HUMAN, CD201. Background: EPCR is a receptor for activated protein C, a serine protease activated by and

## Target Details

involved in the blood coagulation pathway. It 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. It is expressed strongly in the endothelial cells of arteries and veins in heart and lung. It is overexpressed in several human non-Pgp multidrug resistant (MDR) tumor cell lines. Whether and how anti-coagulant and anti-inflammatory functions of EPCR facilitate oncogenesis and/or drug resistance is unclear.

Gene ID: 10544

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Publications

Product cited in: Zhao, Ding, Liu, Yin, Zhang, Ma: "Unfractionated heparin protects the protein C system against lipopolysaccharide-induced damage in vivo and in vitro." in: **Experimental and therapeutic medicine**, Vol. 14, Issue 6, pp. 5515-5522, (2017) ([PubMed](#)).