

**EPR1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6126a****Specification**

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**EPR1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q14868</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36826
Antigen Region	308-337

**EPR1 Antibody (C-term) - Additional Information****Other Names**

EPR-1; Effector cell protease receptor 1

**Target/Specificity**

This EPR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 308-337 amino acids from the C-terminal region of human EPR1.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**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.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

EPR1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**EPR1 Antibody (C-term) - Protein Information**

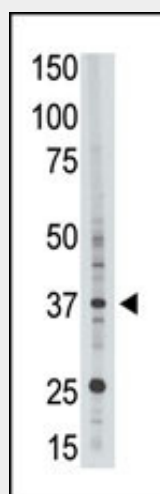
**Name** EPR-1 {ECO:0000313|EMBL:AAA19687.1}

**EPR1 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **EPR1 Antibody (C-term) - Images**



The anti-EPR1 C-term Pab (Cat. #AP6126a) is used in Western blot to detect EPR1 in HL60 cell lysate.

#### **EPR1 Antibody (C-term) - Background**

Cellular receptors for blood proteases regulate chemotaxis, extracellular proteolysis, and growth behavior of normal and malignant cells. Effector cell protease receptor-1 (EPR1) is a receptor for the coagulation protease factor Xa. EPR1 is characterized by a cysteine-rich extracellular module, a single membrane-spanning domain, and a serine-rich cytoplasmic tail featuring at least 15 potential phosphorylation sites. EPR1 also contains 2 N-linked glycosylation sites, 4 O-linked glycosylation sites, and a chondroitin sulfate attachment site, which may provide anchoring for carbohydrate chains. EPR1 transfectants bind to factor Xa in a specific and saturable manner, and in the absence of factor V/Va promote prothrombin activation in a factor Xa concentration-dependent reaction.

Activated platelets and megakaryocytes express EPR1. Both EPR1 and membrane-bound factor Va are thought to be required to mediate factor Xa binding to the activated platelet to form a functional prothrombinase complex.

#### **EPR1 Antibody (C-term) - References**

Altieri, D.C., J. Biol. Chem. 269(5):3139-3142 (1994).