antibodies.com

Datasheet for ABIN3030795 anti-EPR1 antibody (AA 308-337)

2 Images



Overview

Quantity:	0.4 mL
Target:	EPR1
Binding Specificity:	AA 308-337
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 308-337 from the human protein was used as the immunogen for this
	EPR1 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	EPR1
Alternative Name:	EPR1 (EPR1 Products)
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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN3030795 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

	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.
UniProt:	Q14868
Pathways:	Apoptosis, Cell Division Cycle
Application Details	
Application Notes:	Titration of the EPR1 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the EPR1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw
	cycles.



Western Blotting

Image 1. EPR1 antibody used in western blot to detect EPR1 in HL-60 cell lysate

Western Blotting

Image 2. EPR1 antibody used in western blot to detect EPR1 in HL-60 cell lysate

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN3030795 | 09/11/2023 | Copyright antibodies-online. All rights reserved.