


Anti-PAR4 antibody [EPR3991] ab92590

重组 RabMAb

2 References **3 图像**

概述

产品名称	Anti-PAR4抗体[EPR3991]
描述	兔单克隆抗体[EPR3991] to PAR4
宿主	Rabbit
经测试应用	适用于: WB, IP 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide within Human PAR4 aa 1-100 (N terminal). The exact sequence is proprietary.
阳性对照	LNCap, Jurkat, A549 and HeLa cell lysates
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant

克隆 单克隆
克隆编号 EPR3991
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab92590于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/10000 - 1/50000. Predicted molecular weight: 37 kDa.
IP		1/10 - 1/100.

应用说明 Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

靶标

功能 Pro-apoptotic protein capable of selectively inducing apoptosis in cancer cells, sensitizing the cells to diverse apoptotic stimuli and causing regression of tumors in animal models. Induces apoptosis in certain cancer cells by activation of the Fas prodeath pathway and coparallel inhibition of NF-kappa-B transcriptional activity. Inhibits the transcriptional activation and augments the transcriptional repression mediated by WT1. Down-regulates the anti-apoptotic protein BCL2 via its interaction with WT1. Seems also to be a transcriptional repressor by itself. May be directly involved in regulating the amyloid precursor protein (APP) cleavage activity of BACE1.

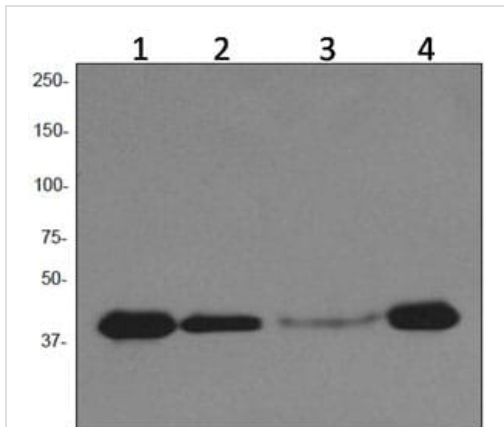
组织特异性 Widely expressed. Expression is elevated in various neurodegenerative diseases such as amyotrophic lateral sclerosis, Alzheimer, Parkinson and Huntington diseases and stroke. Down-regulated in several cancers.

结构域 The leucine-zipper domain is not essential for apoptosis, but is required for sensitization of cells to exogenous apoptotic insults and for interaction with its partners.
The SAC domain is a death-inducing domain selective for apoptosis induction in cancer cells. This domain is essential for nuclear entry, Fas activation, inhibition of NF-kappa-B activity and induction of apoptosis in cancer cells.

翻译后修饰 Preferentially phosphorylated at the Thr-163 by PKC in cancer cells.

细胞定位 Cytoplasm. Nucleus. Mainly cytoplasmic in absence of apoptosis signal and in normal cells. Nuclear in most cancer cell lines. Nuclear entry seems to be essential but not sufficient for apoptosis (By similarity). Nuclear localization includes nucleoplasm and PML nuclear bodies.

图片



Western blot - Anti-PAR4 antibody [EPR3991] (ab92590)

All lanes : Anti-PAR4 antibody [EPR3991] (ab92590) at 1/10000 dilution

Lane 1 : LNCap cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : A549 cell lysate

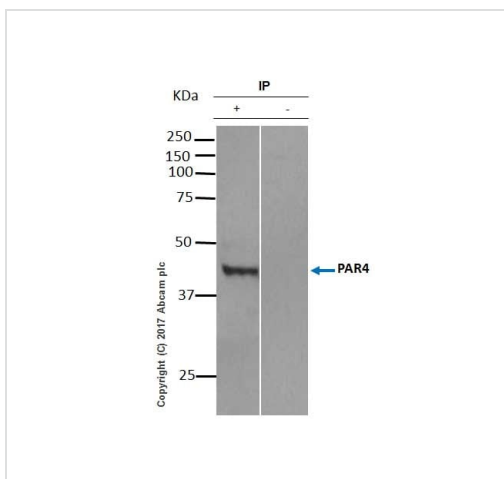
Lane 4 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 37 kDa



Immunoprecipitation - Anti-PAR4 antibody [EPR3991] (ab92590)

ab92590 at 1/40 immunoprecipitating PAR4 in Jurkat (human T cell leukemia T lymphocyte) whole cell lysate.

Lane 1 (+): ab92590 + Jurkat whole cell lysate

Lane 2 (-): PBS instead of ab92590 in Jurkat whole cell lysate

For western blotting, ab92590 was at 1/1000 dilution followed by Goat Anti-Rabbit IgG, (HRP), specific to the non-reduced form of IgG as the secondary antibody (1/1500).

Blocking buffer and concentration: 5% NFDN/TBST.

Diluting buffer and concentration: 5% NFDN /TBST.

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-PAR4 antibody [EPR3991] (ab92590)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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